

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028697.D
 Acq On : 13 May 2022 23:29
 Operator : JC/MD
 Sample : VX0513WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Quant Time: May 16 02:28:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	193387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	329950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130790	49.338	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.680%		
35) Dibromofluoromethane	5.391	113	104647	48.408	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.820%		
50) Toluene-d8	8.653	98	389931	47.842	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.680%		
62) 4-Bromofluorobenzene	11.079	95	138527	45.505	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50430	19.915	ug/l	99
3) Chloromethane	1.288	50	47634	19.974	ug/l	98
4) Vinyl Chloride	1.374	62	51394	19.998	ug/l	98
5) Bromomethane	1.605	94	44191	21.120	ug/l	99
6) Chloroethane	1.685	64	34698	20.118	ug/l	95
7) Trichlorofluoromethane	1.886	101	80500	19.647	ug/l	97
8) Diethyl Ether	2.130	74	30157	20.199	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	41765	19.370	ug/l	96
10) Methyl Iodide	2.453	142	42481	16.457	ug/l	95
11) Tert butyl alcohol	2.965	59	62252	106.062	ug/l	96
12) 1,1-Dichloroethene	2.319	96	38596	19.284	ug/l	92
13) Acrolein	2.233	56	47876	110.031	ug/l	99
14) Allyl chloride	2.666	41	61559	19.177	ug/l	90
15) Acrylonitrile	3.062	53	131422	102.898	ug/l	99
16) Acetone	2.380	43	116668	102.547	ug/l	93
17) Carbon Disulfide	2.514	76	96093	18.521	ug/l	99
18) Methyl Acetate	2.703	43	60283	21.156	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	139781	19.681	ug/l	100
20) Methylene Chloride	2.788	84	46634	19.538	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	43818	19.436	ug/l	96
22) Diisopropyl ether	3.764	45	139822	20.382	ug/l #	88
23) Vinyl Acetate	3.721	43	602719	101.918	ug/l	96
24) 1,1-Dichloroethane	3.611	63	79473	19.928	ug/l	97
25) 2-Butanone	4.556	43	183519	102.765	ug/l	96
26) 2,2-Dichloropropane	4.483	77	48329	15.456	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	51359	19.505	ug/l	97
28) Bromochloromethane	4.904	49	31108	18.532	ug/l	91
29) Tetrahydrofuran	5.007	42	118648	102.212	ug/l	93
30) Chloroform	5.099	83	87006	20.158	ug/l	100
31) Cyclohexane	5.477	56	71399	19.404	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	72428	19.222	ug/l	97
36) 1,1-Dichloropropene	5.696	75	62703	19.311	ug/l	99
37) Ethyl Acetate	4.721	43	68746	20.271	ug/l	98
38) Carbon Tetrachloride	5.684	117	63916	19.560	ug/l	97
39) Methylcyclohexane	7.385	83	69338	18.621	ug/l	95
40) Benzene	6.044	78	184375	19.758	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	35511	19.529	ug/l	93
42) 1,2-Dichloroethane	6.092	62	68451	19.887	ug/l	98
43) Isopropyl Acetate	6.342	43	102336	19.288	ug/l	95
44) Trichloroethene	7.129	130	48852	19.303	ug/l	94
45) 1,2-Dichloropropane	7.434	63	46361	19.913	ug/l	99
46) Dibromomethane	7.586	93	34140	19.635	ug/l	91
47) Bromodichloromethane	7.824	83	62954	19.502	ug/l	97
48) Methyl methacrylate	7.696	41	51593	20.130	ug/l	85
49) 1,4-Dioxane	7.671	88	25576	399.443	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	360368	103.116	ug/l	91
52) Toluene	8.720	92	119588	19.922	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	58455	16.856	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	67015	18.450	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	48793	19.933	ug/l	94
56) Ethyl methacrylate	9.116	69	71351	19.249	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	81428	19.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	173610	95.664	ug/l	100
59) 2-Hexanone	9.433	43	276932	101.993	ug/l	90
60) Dibromochloromethane	9.525	129	45412	19.023	ug/l	97
61) 1,2-Dibromoethane	9.610	107	50544	19.660	ug/l	98
64) Tetrachloroethene	9.275	164	44317	19.444	ug/l	95
65) Chlorobenzene	10.079	112	126103	19.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	44282	19.524	ug/l	98
67) Ethyl Benzene	10.195	91	225696	19.666	ug/l	100
68) m/p-Xylenes	10.305	106	177570	39.742	ug/l	99
69) o-Xylene	10.646	106	84797	19.276	ug/l	97
70) Styrene	10.659	104	139548	19.534	ug/l	97
71) Bromoform	10.799	173	30145	17.294	ug/l #	99
73) Isopropylbenzene	10.963	105	222141	19.905	ug/l	99
74) N-amyl acetate	10.848	43	84488	19.259	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	77075	20.131	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	67242m	19.510	ug/l	
77) Bromobenzene	11.201	156	51461	19.488	ug/l	96
78) n-propylbenzene	11.305	91	255697	19.807	ug/l	99
79) 2-Chlorotoluene	11.366	91	152425	19.264	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	184682	19.860	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	16106	16.732	ug/l #	73
82) 4-Chlorotoluene	11.457	91	177479	19.403	ug/l	100
83) tert-Butylbenzene	11.713	119	179118	19.894	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	185248	19.865	ug/l	99
85) sec-Butylbenzene	11.890	105	215804	19.431	ug/l	99
86) p-Isopropyltoluene	12.012	119	182304	19.562	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	100200	19.346	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	101186	18.835	ug/l	97
89) n-Butylbenzene	12.335	91	150825	18.679	ug/l	96
90) Hexachloroethane	12.542	117	26650	17.683	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	100539	19.760	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16249	19.876	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	56888	19.358	ug/l	99
94) Hexachlorobutadiene	13.725	225	22039	18.460	ug/l	94
95) Naphthalene	13.774	128	214182	20.481	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56698	19.209	ug/l	96

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

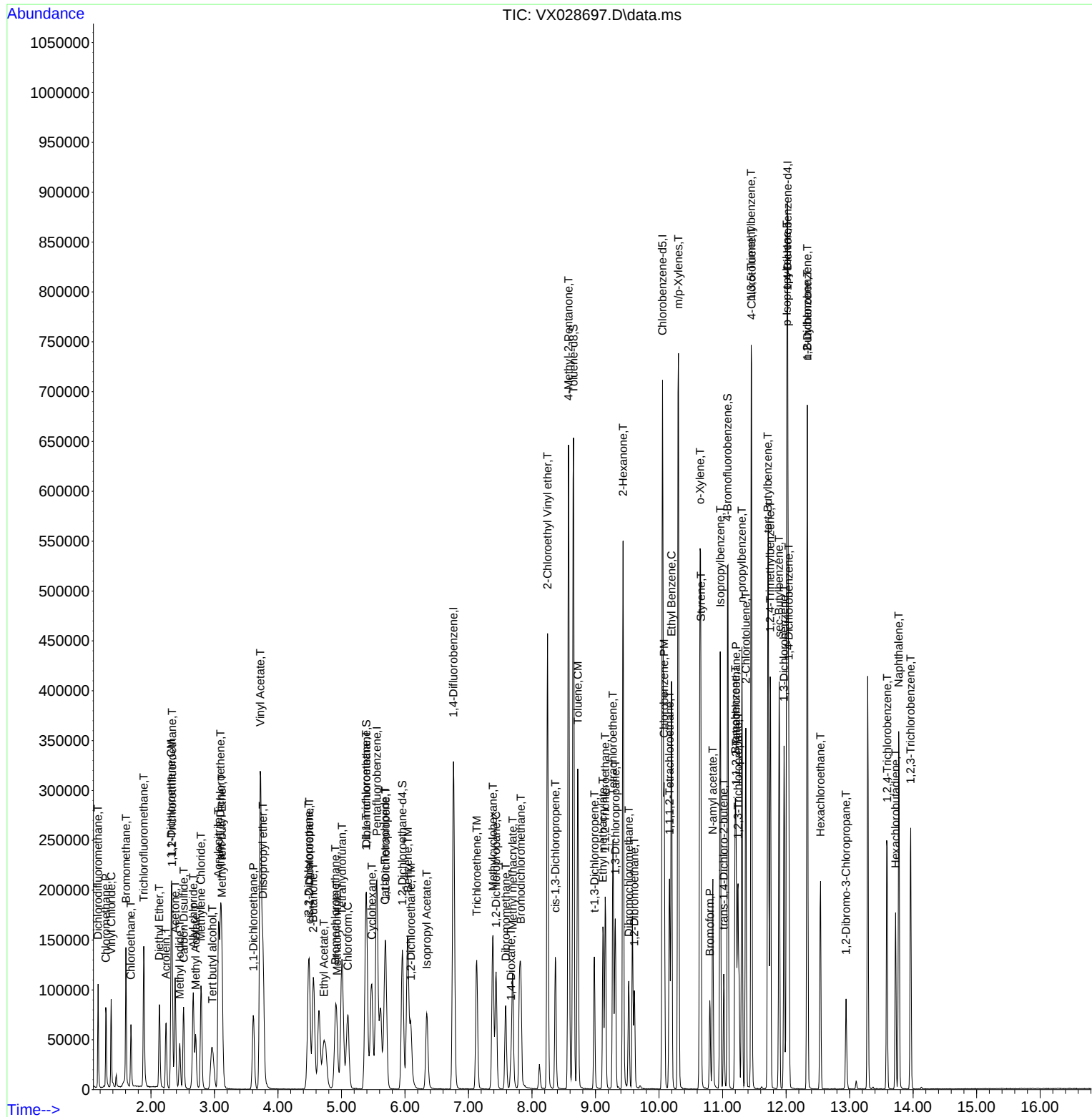
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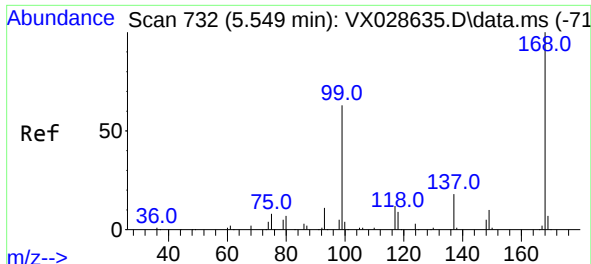
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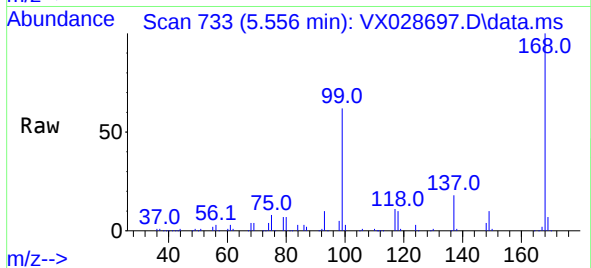
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028697.D
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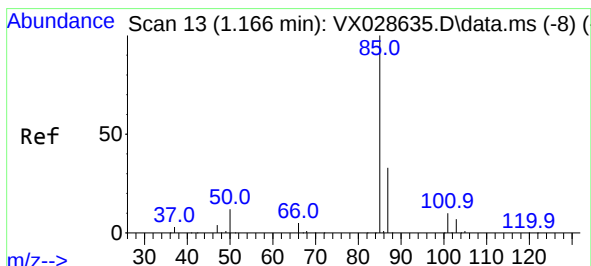
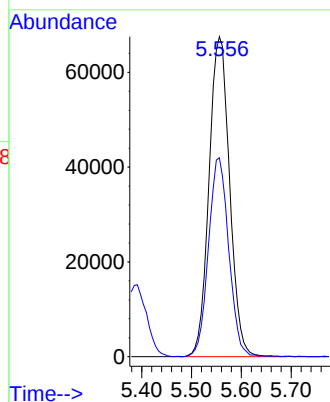
Instrument :
MSVOA_X
ClientSampleId :
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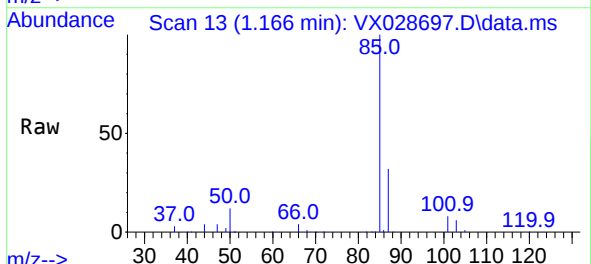
Tgt Ion:168 Resp: 19338
Ion Ratio Lower Upper
168 100
99 62.2 41.7 62.5

Manual Integrations
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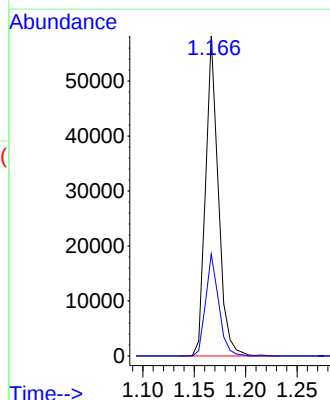
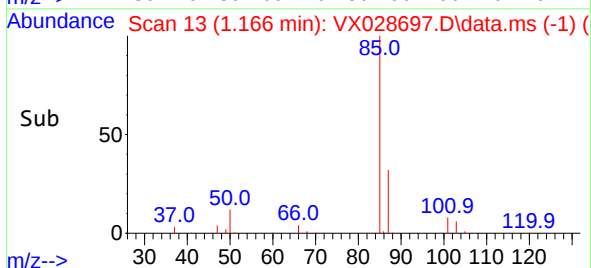
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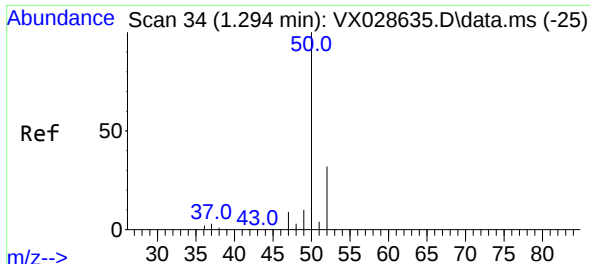


#2
Dichlorodifluoromethane
Concen: 19.915 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



Tgt Ion: 85 Resp: 50430
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.6





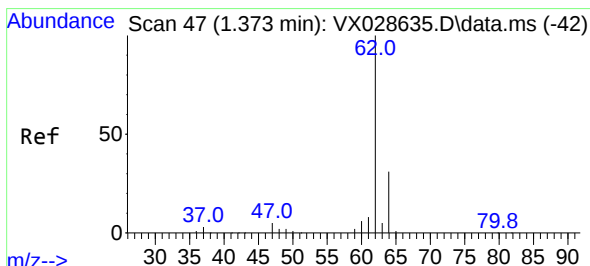
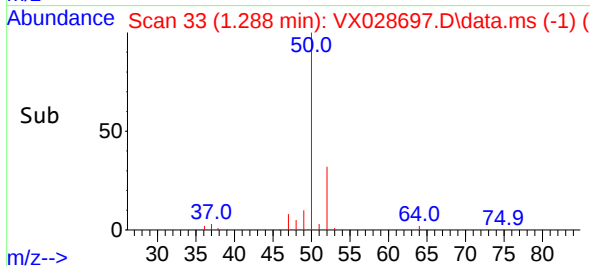
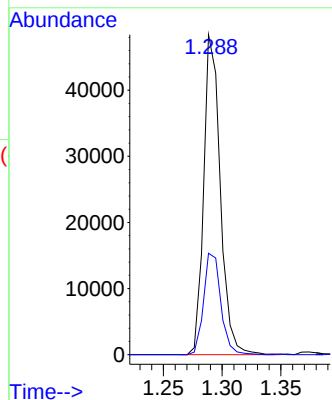
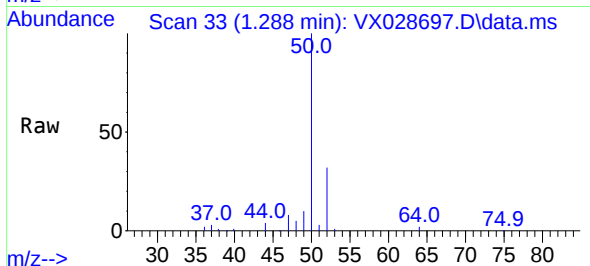
#3
Chloromethane
Concen: 19.974 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion: 50 Resp: 47634
Ion Ratio Lower Upper
50 100
52 31.7 26.4 39.6

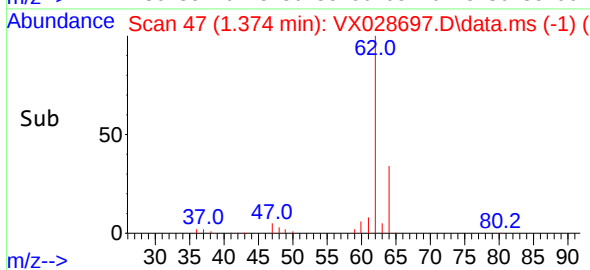
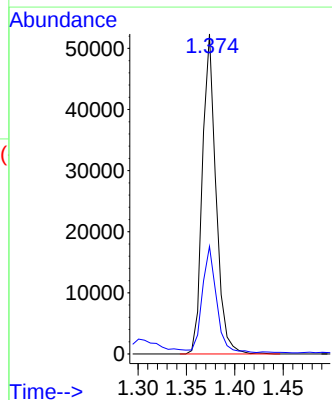
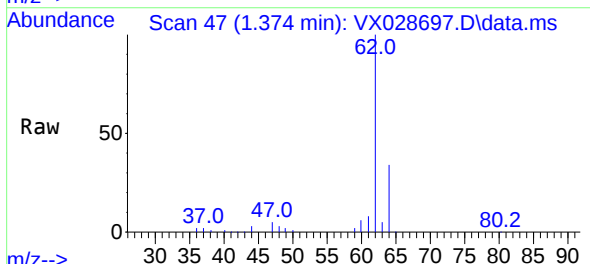
Manual Integrations
APPROVED

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#4
Vinyl Chloride
Concen: 19.998 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

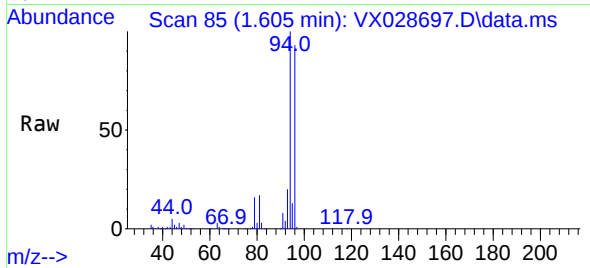
Tgt Ion: 62 Resp: 51394
Ion Ratio Lower Upper
62 100
64 33.1 25.5 38.3





#5
Bromomethane
Concen: 21.120 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

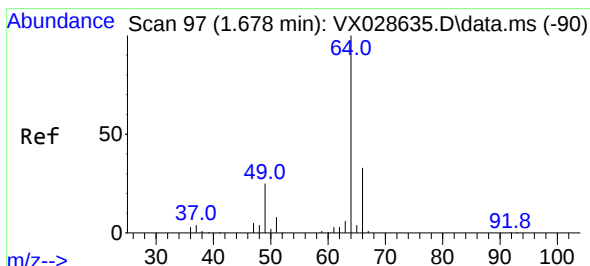
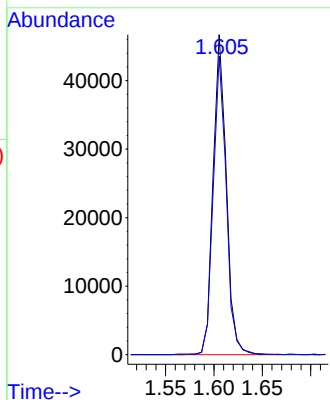
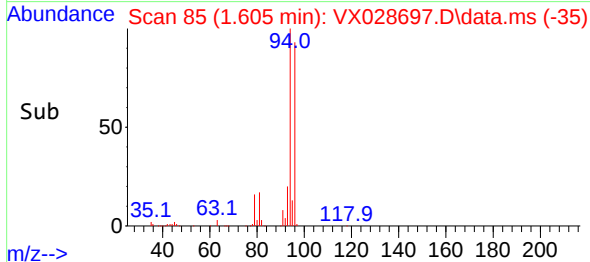
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 4419
Ion Ratio Lower Upper
94 100
96 93.2 75.3 112.9

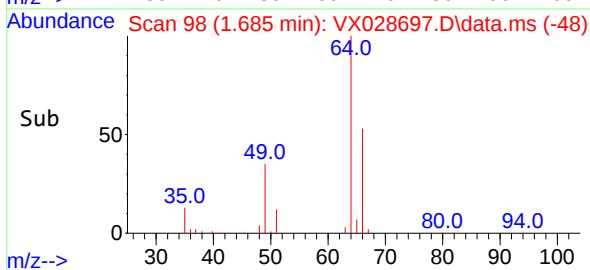
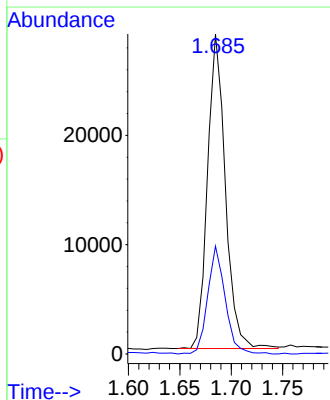
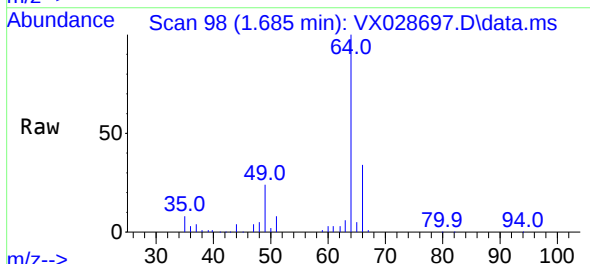
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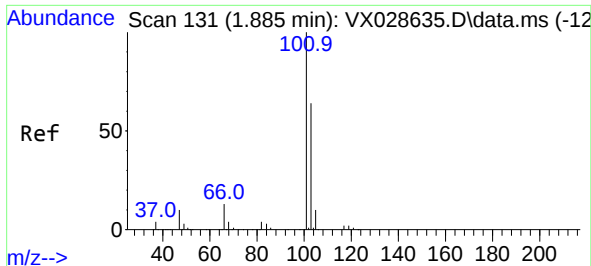
Reviewed By :John Carlone 05/16/2022
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#6
Chloroethane
Concen: 20.118 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Tgt Ion: 64 Resp: 34698
Ion Ratio Lower Upper
64 100
66 34.3 25.3 37.9





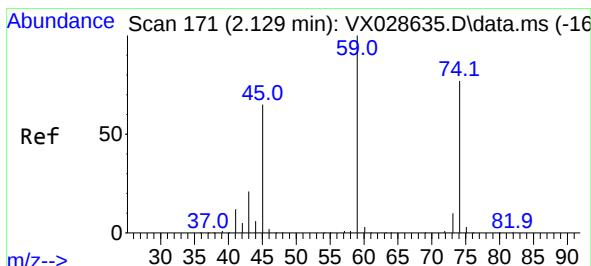
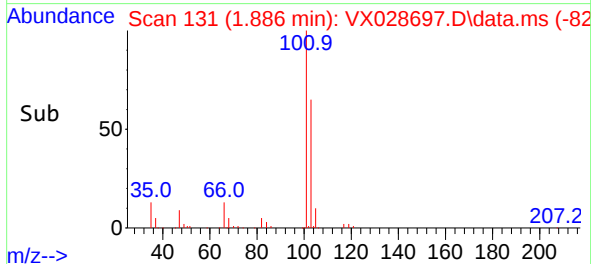
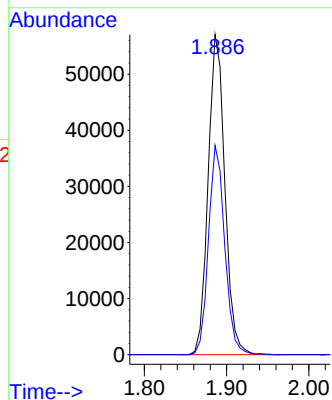
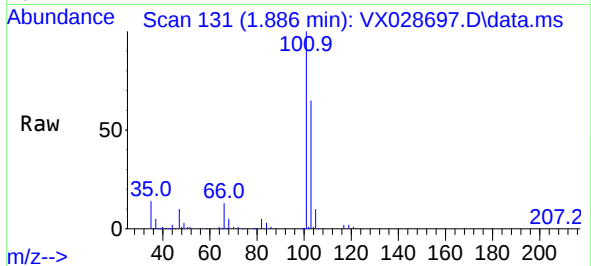
#7
Trichlorofluoromethane
Concen: 19.647 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion:101 Resp: 80500
Ion Ratio Lower Upper
101 100
103 65.4 50.5 75.7

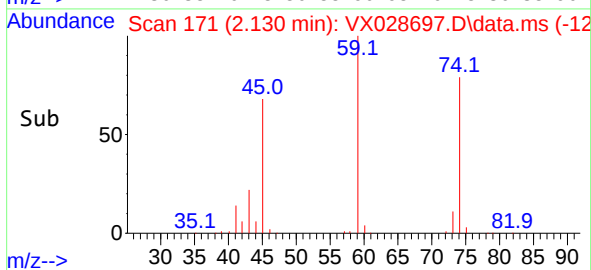
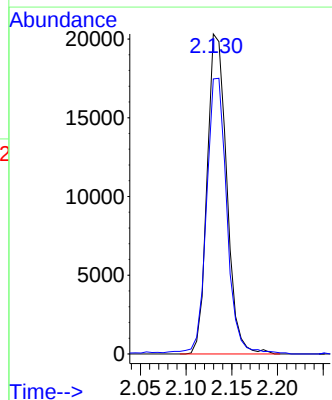
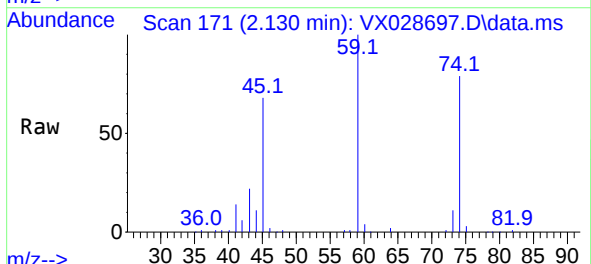
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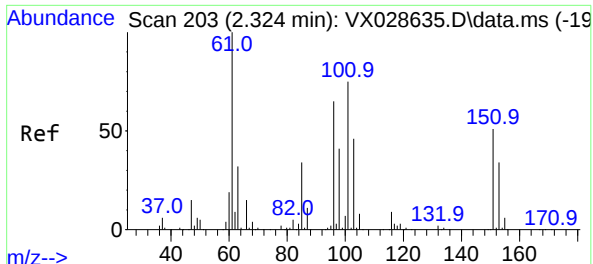
Reviewed By :John Carlone 05/16/2022
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#8
Diethyl Ether
Concen: 20.199 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Tgt Ion: 74 Resp: 30157
Ion Ratio Lower Upper
74 100
45 89.8 42.0 126.0





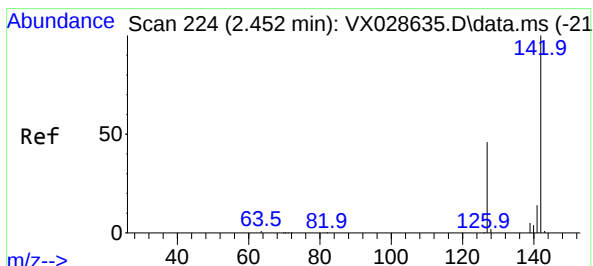
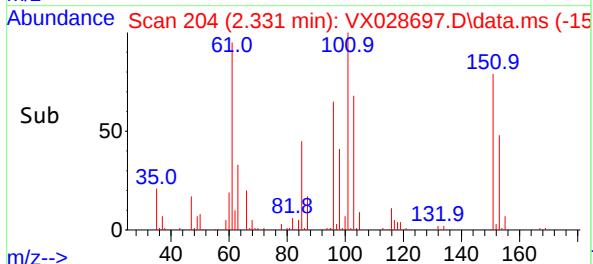
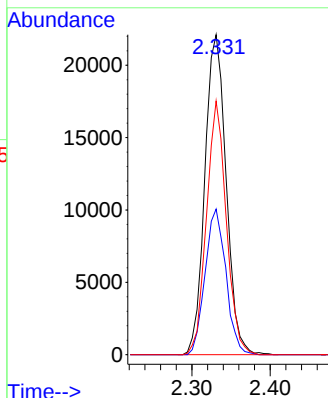
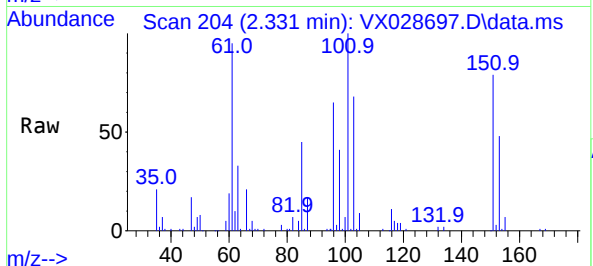
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.370 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion:101 Resp: 4176
Ion Ratio Lower Upper
101 100
85 44.5 33.5 50.3
151 73.8 61.8 92.6

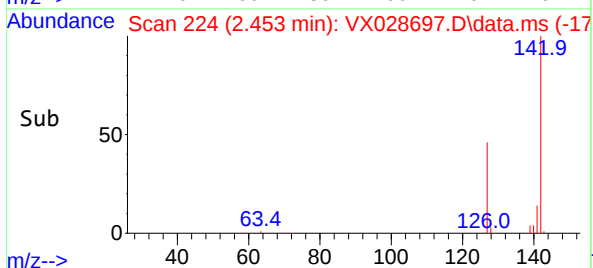
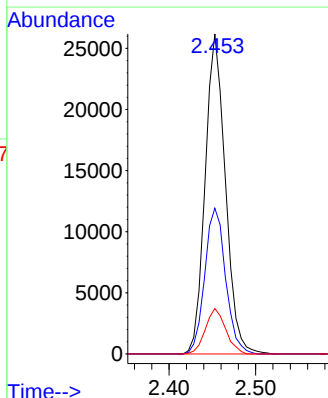
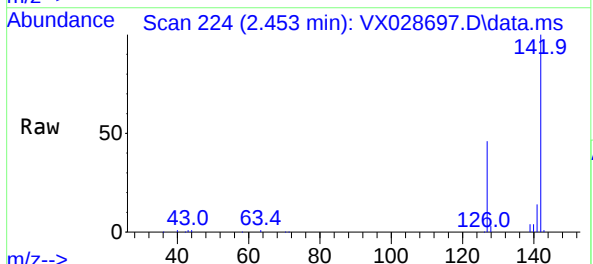
Manual Integrations
APPROVED

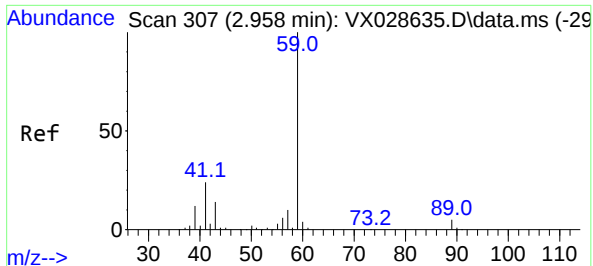
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#10
Methyl Iodide
Concen: 16.457 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Tgt Ion:142 Resp: 42481
Ion Ratio Lower Upper
142 100
127 47.0 33.9 50.9
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 106.062 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.007 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tgt Ion: 59 Resp: 6225

Ion Ratio Lower Upper

59 100

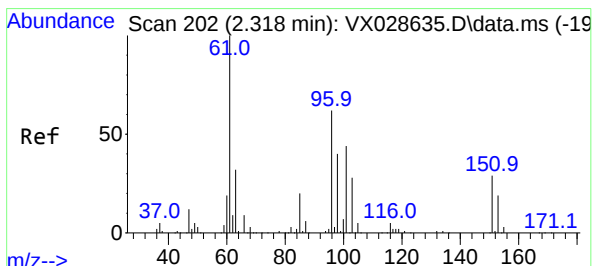
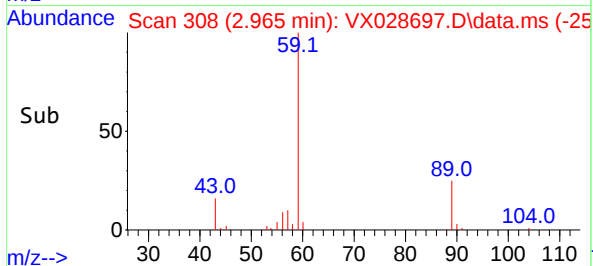
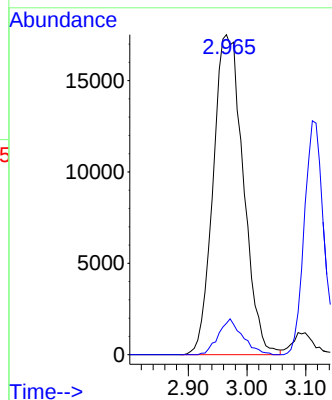
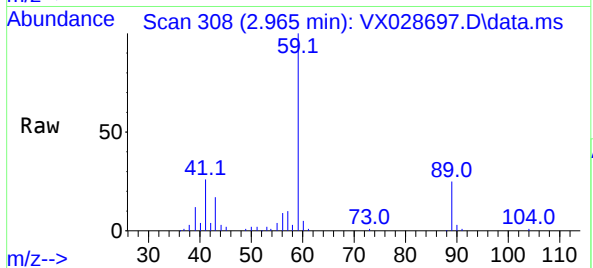
57 9.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#12

1,1-Dichloroethene

Concen: 19.284 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

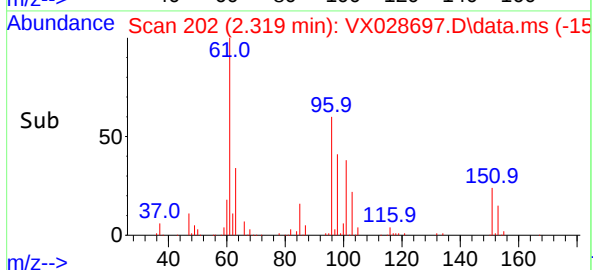
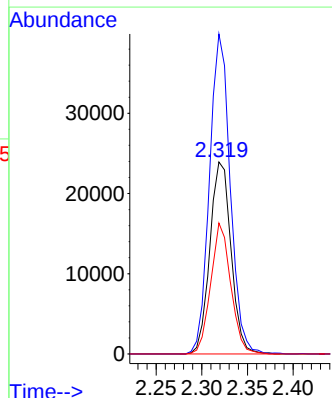
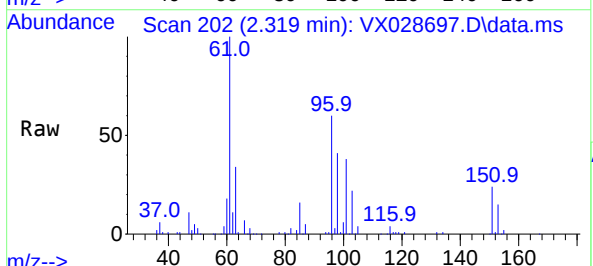
Tgt Ion: 96 Resp: 38596

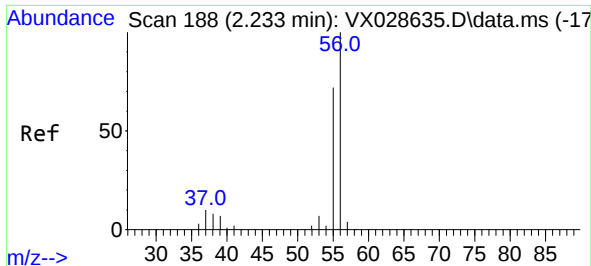
Ion Ratio Lower Upper

96 100

61 166.6 124.6 187.0

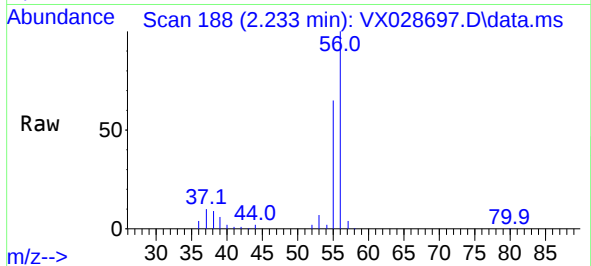
98 68.2 51.0 76.4





#13
Acrolein
Concen: 110.031 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

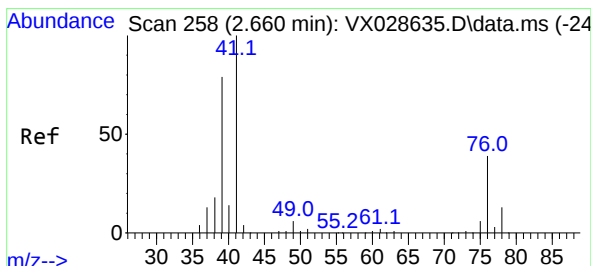
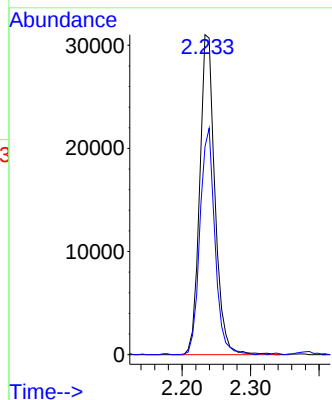
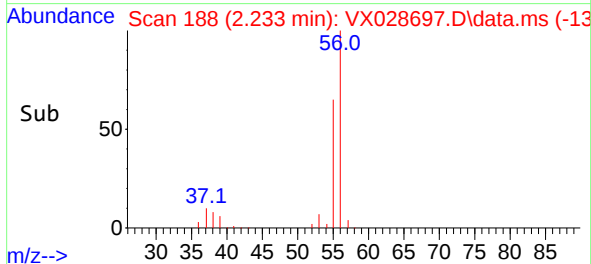
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



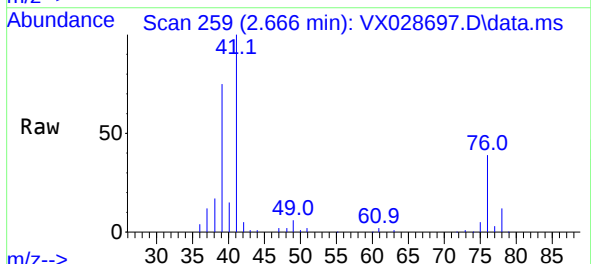
Tgt Ion: 56 Resp: 47870
Ion Ratio Lower Upper
56 100
55 69.7 55.0 82.6

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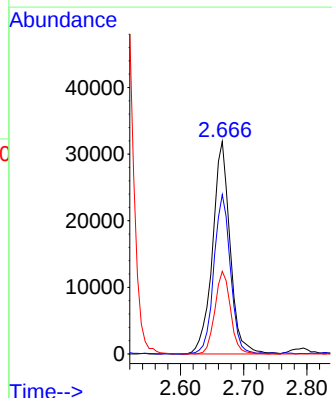
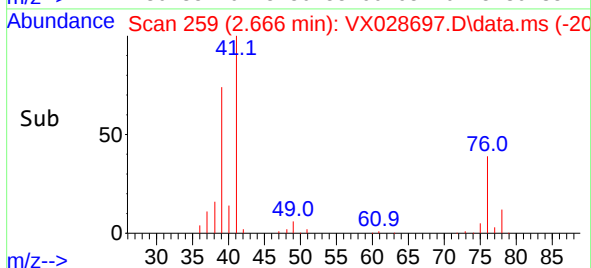
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#14
Allyl chloride
Concen: 19.177 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



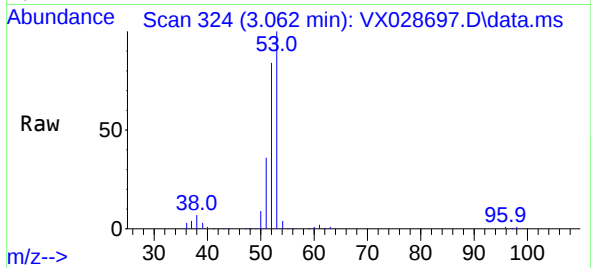
Tgt Ion: 41 Resp: 61559
Ion Ratio Lower Upper
41 100
39 70.8 50.4 75.6
76 34.5 32.7 49.1





#15
Acrylonitrile
Concen: 102.898 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

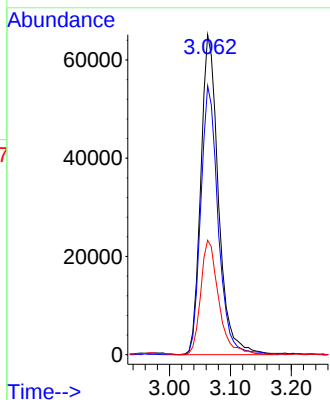
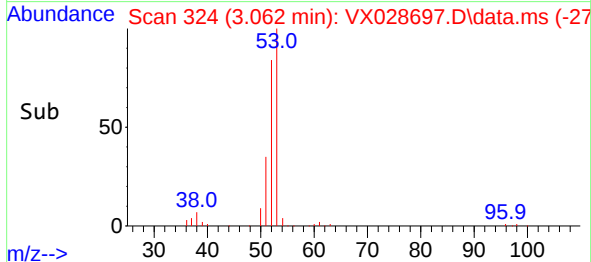
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



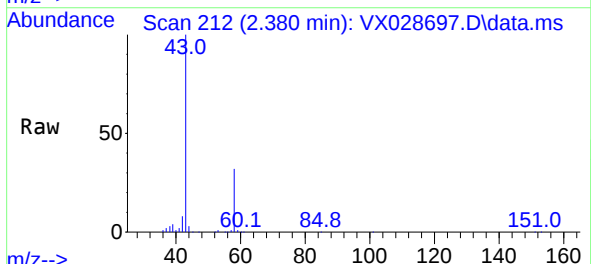
Tgt Ion: 53 Resp: 13142
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 36.4 28.4 42.6

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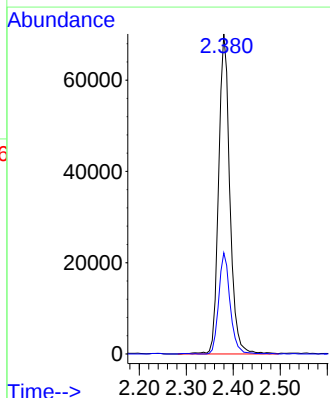
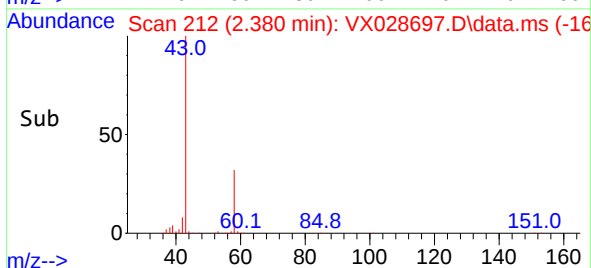
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

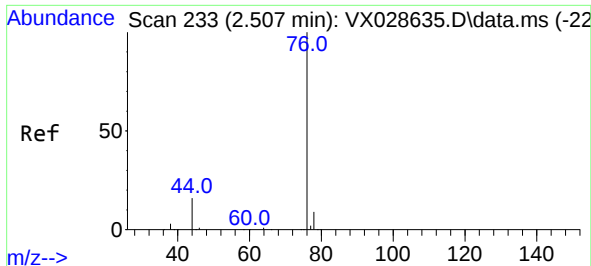


#16
Acetone
Concen: 102.547 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



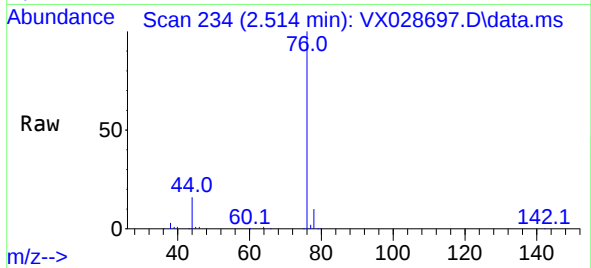
Tgt Ion: 43 Resp: 116668
Ion Ratio Lower Upper
43 100
58 31.6 28.8 43.2





#17
Carbon Disulfide
Concen: 18.521 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

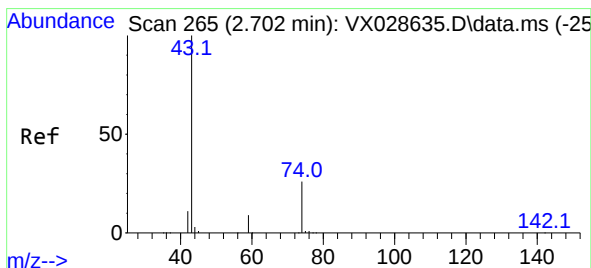
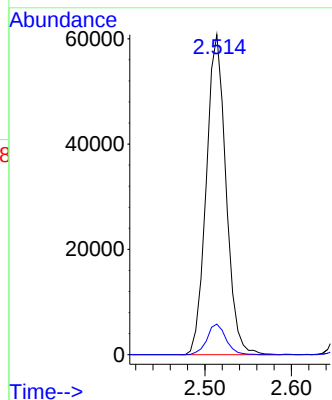
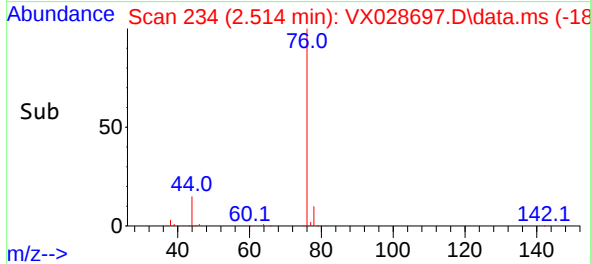
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



Tgt Ion: 76 Resp: 9609
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

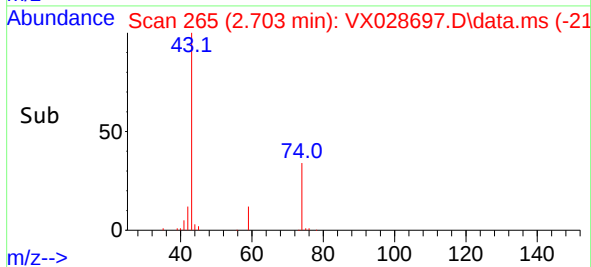
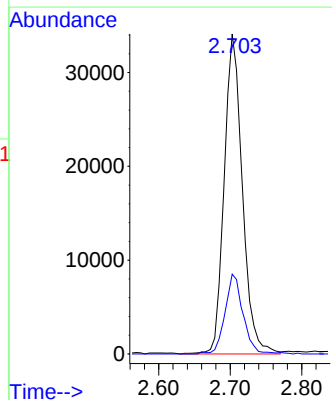
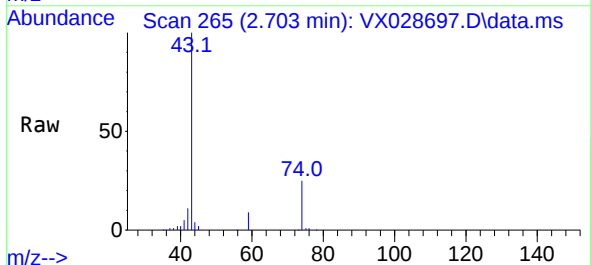
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#18
Methyl Acetate
Concen: 21.156 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

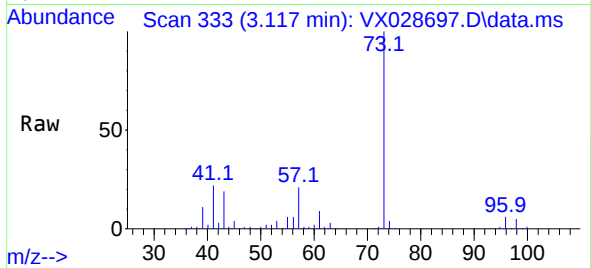
Tgt Ion: 43 Resp: 60283
Ion Ratio Lower Upper
43 100
74 24.8 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 19.681 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

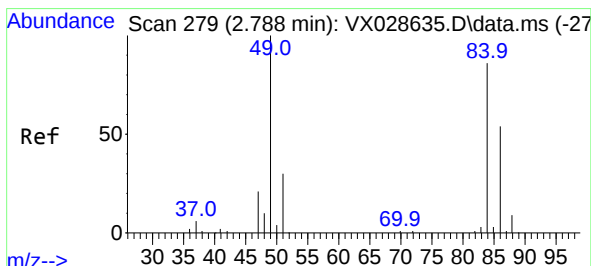
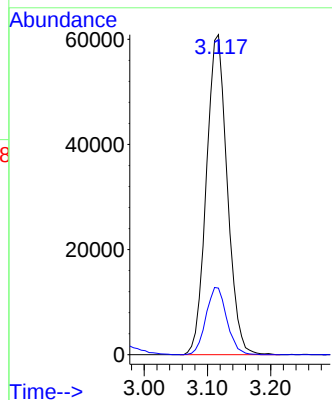
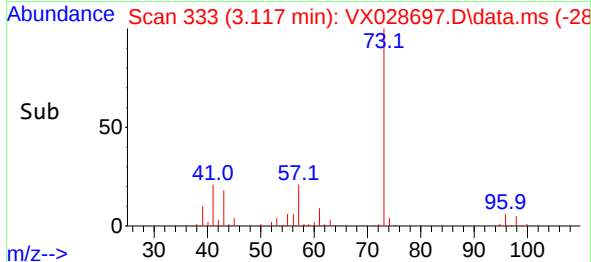
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



Tgt Ion: 73 Resp: 13978
Ion Ratio Lower Upper
73 100
57 20.8 16.8 25.2

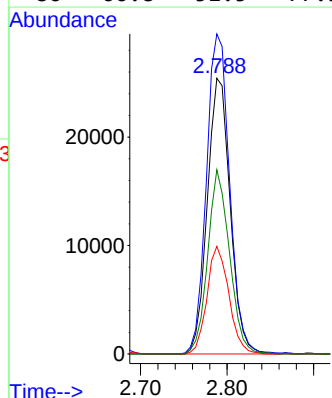
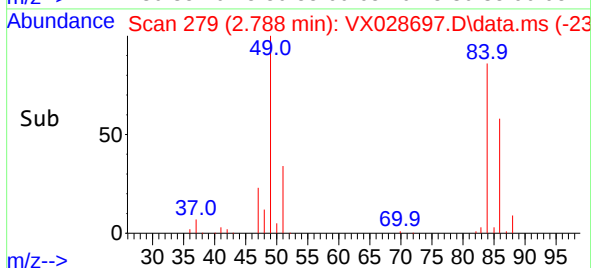
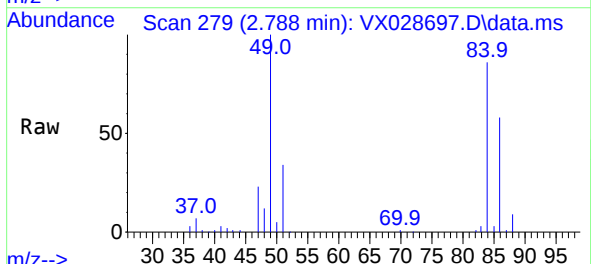
Manual Integrations
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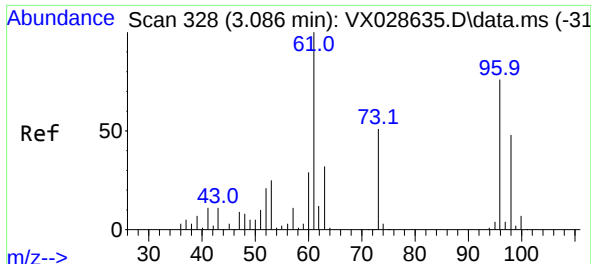
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#20
Methylene Chloride
Concen: 19.538 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

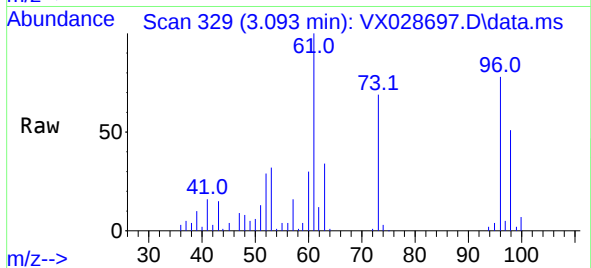
Tgt Ion: 84 Resp: 46634
Ion Ratio Lower Upper
84 100
49 116.1 85.5 128.3
51 39.0 26.6 39.8
86 66.8 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 19.436 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

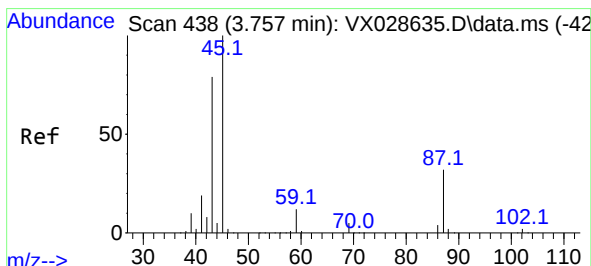
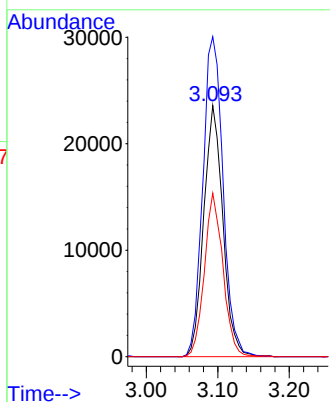
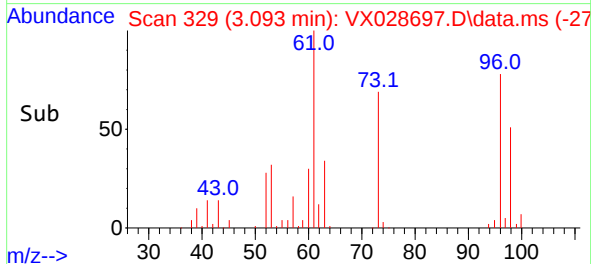
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



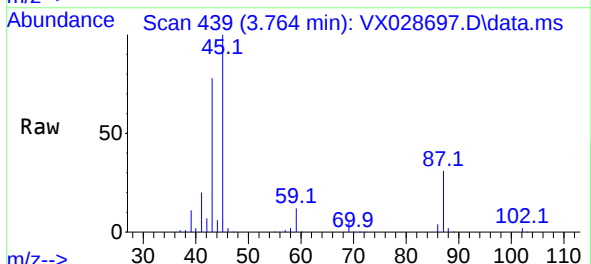
Tgt Ion: 96 Resp: 43818
Ion Ratio Lower Upper
96 100
61 127.4 105.4 158.2
98 65.1 50.0 75.0

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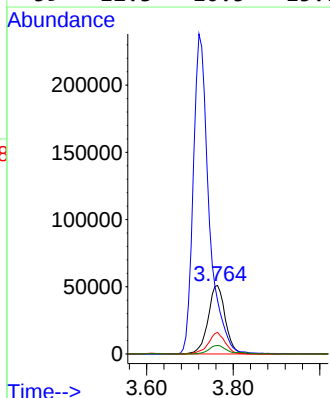
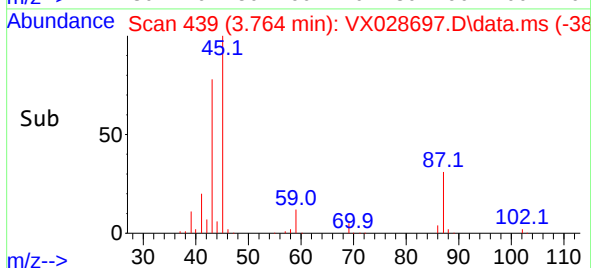
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

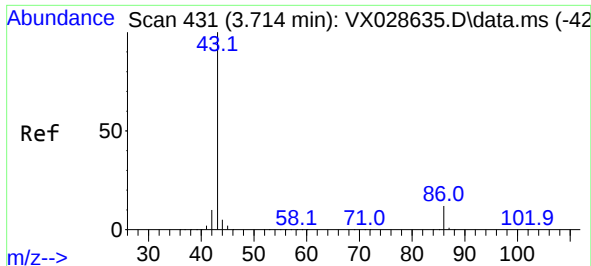


#22
Diisopropyl ether
Concen: 20.382 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



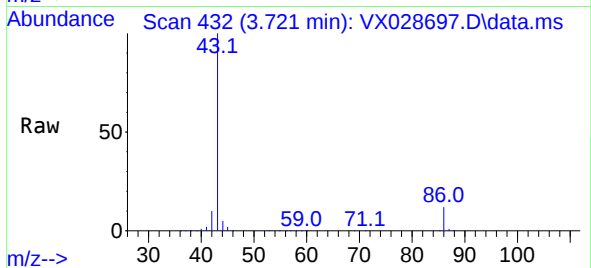
Tgt Ion: 45 Resp: 139822
Ion Ratio Lower Upper
45 100
43 77.8 50.8 76.2#
87 31.5 26.6 39.8
59 12.3 10.5 15.7





#23
 Vinyl Acetate
 Concen: 101.918 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX028697.D
 Acq: 13 May 2022 23:29

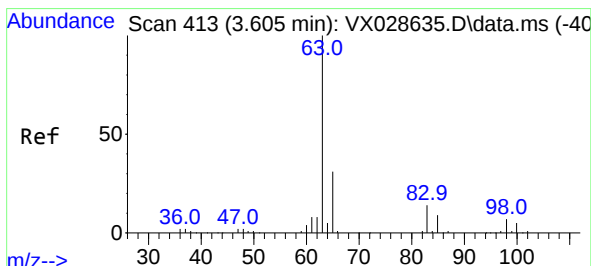
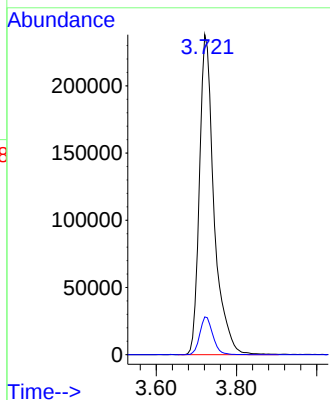
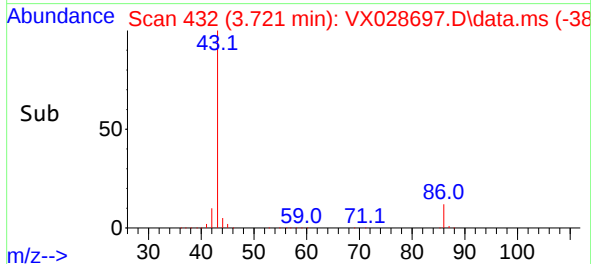
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02



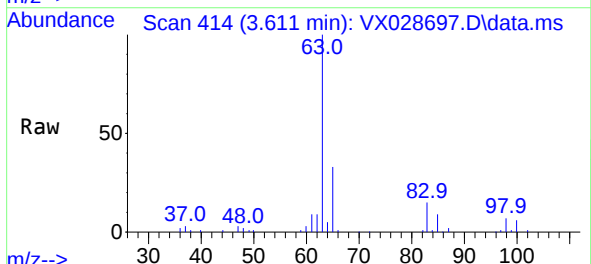
Tgt Ion: 43 Resp: 602719
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.8 16.2

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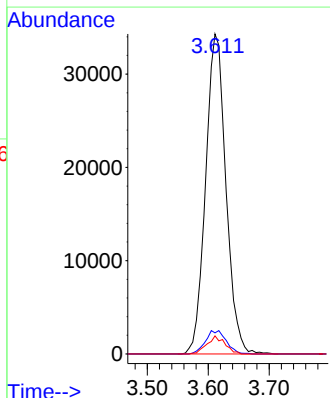
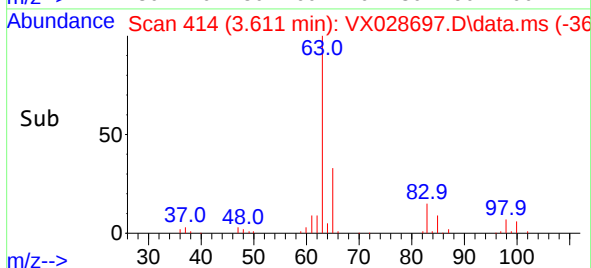
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

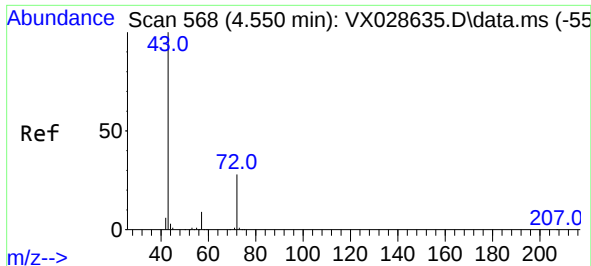


#24
 1,1-Dichloroethane
 Concen: 19.928 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028697.D
 Acq: 13 May 2022 23:29



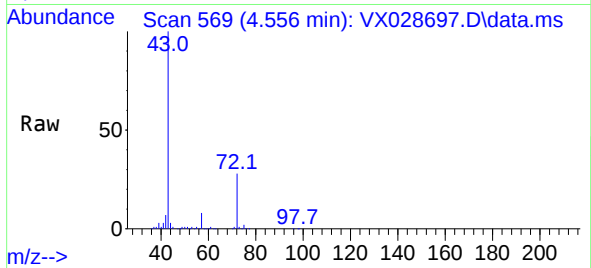
Tgt Ion: 63 Resp: 79473
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 5.6 2.4 7.2





#25
2-Butanone
Concen: 102.765 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

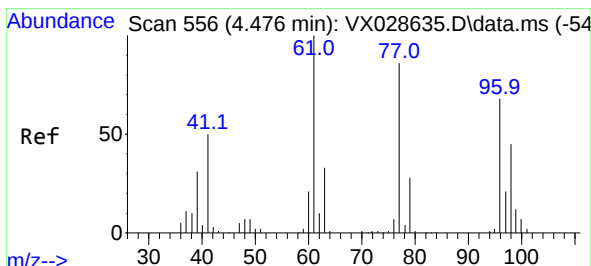
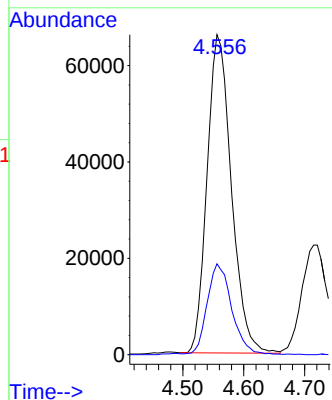
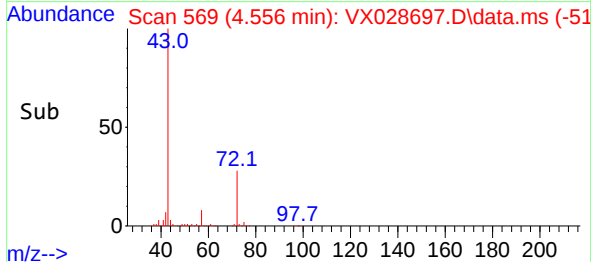
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



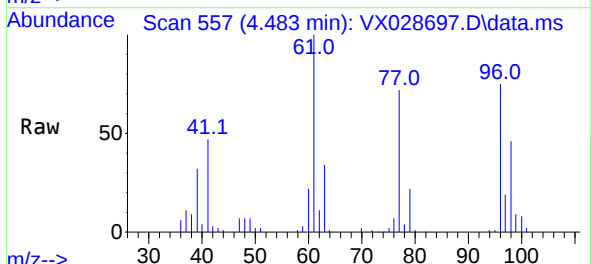
Tgt Ion: 43 Resp: 183519
Ion Ratio Lower Upper
43 100
72 28.4 24.4 36.6

Manual Integrations
APPROVED

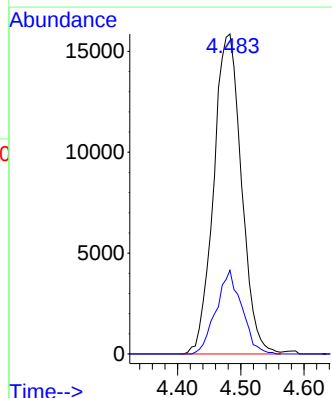
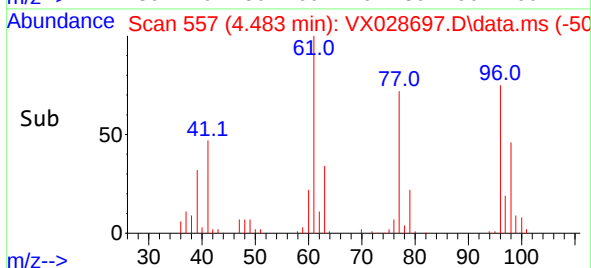
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#26
2,2-Dichloropropane
Concen: 15.456 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



Tgt Ion: 77 Resp: 48329
Ion Ratio Lower Upper
77 100
97 24.1 11.8 35.4





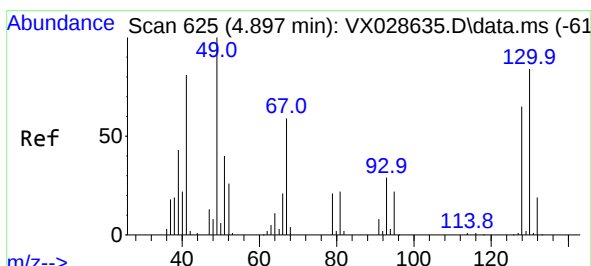
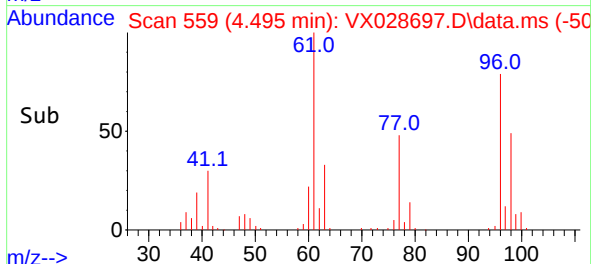
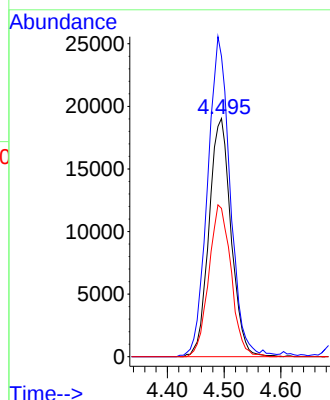
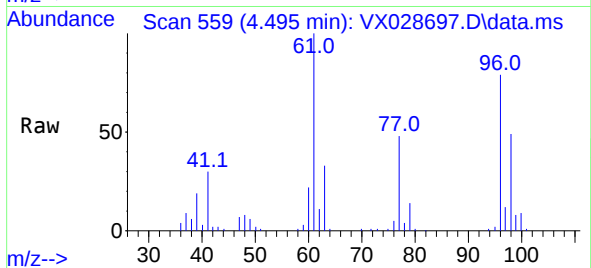
#27
cis-1,2-Dichloroethene
Concen: 19.505 ug/l
RT: 4.495 min Scan# 5135
Delta R.T. 0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion: 96 Resp: 5135
Ion Ratio Lower Upper
96 100
61 136.7 0.0 283.8
98 64.4 0.0 129.8

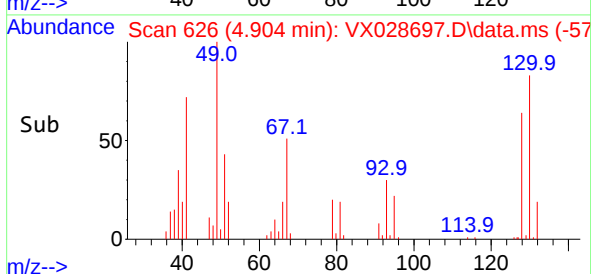
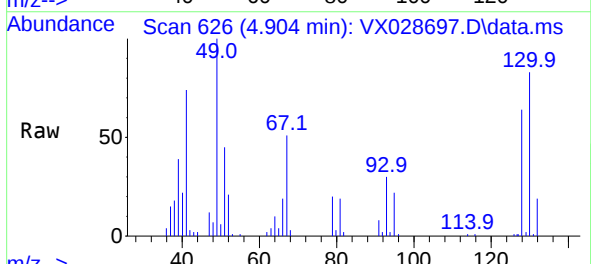
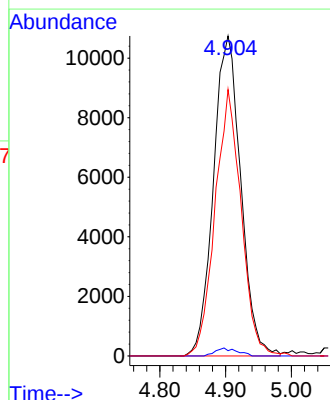
Manual Integrations
APPROVED

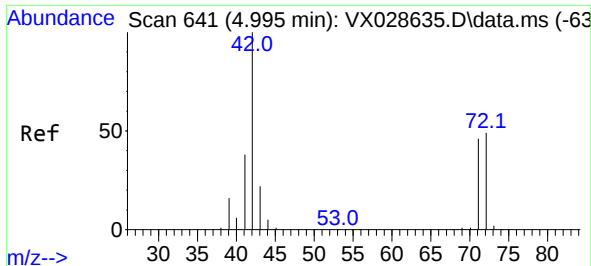
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#28
Bromochloromethane
Concen: 18.532 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Tgt Ion: 49 Resp: 31108
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.4
130 79.4 70.7 106.1





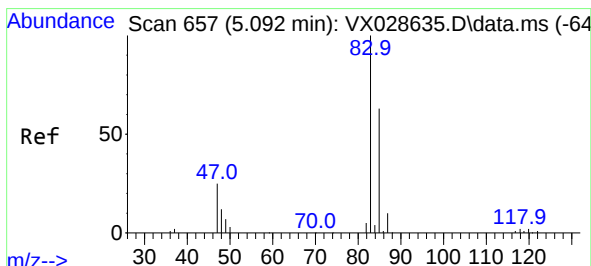
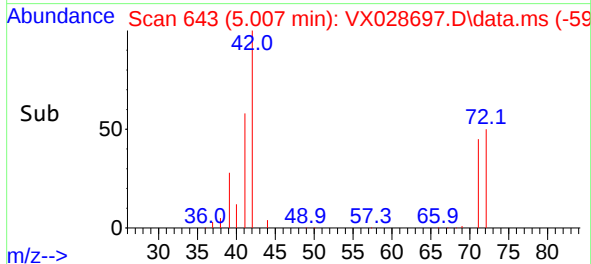
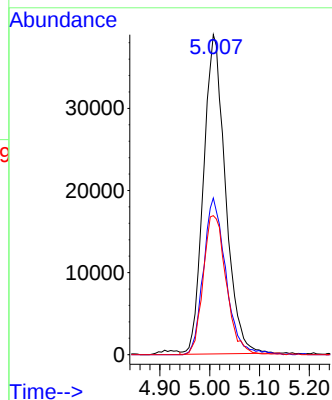
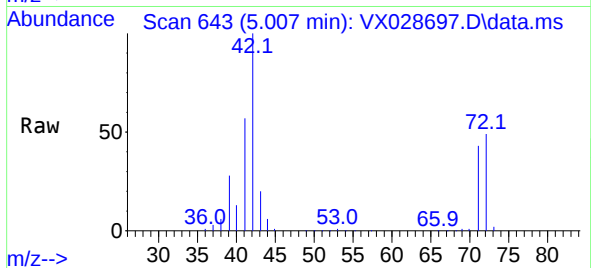
#29
Tetrahydrofuran
Concen: 102.212 ug/l
RT: 5.007 min Scan# 641
Delta R.T. 0.012 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion: 42 Resp: 118648
Ion Ratio Lower Upper
42 100
72 50.1 44.1 66.1
71 45.8 40.5 60.7

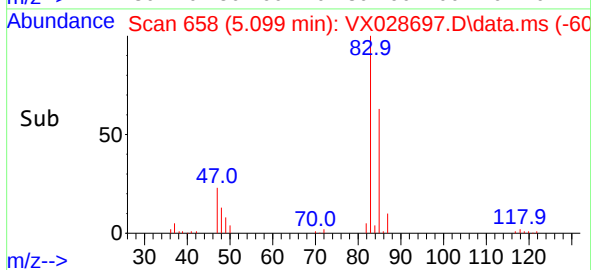
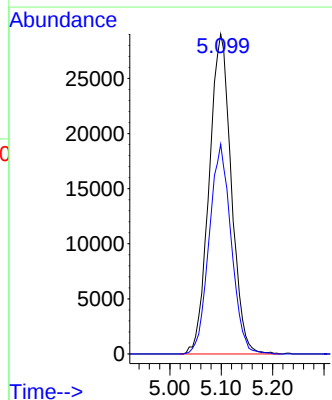
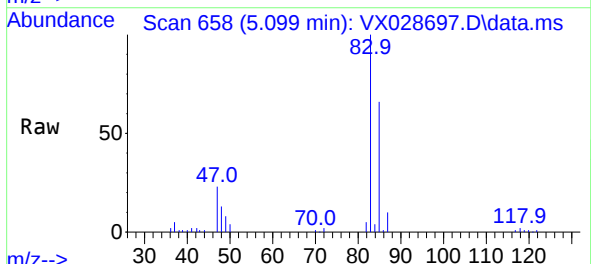
Manual Integrations
APPROVED

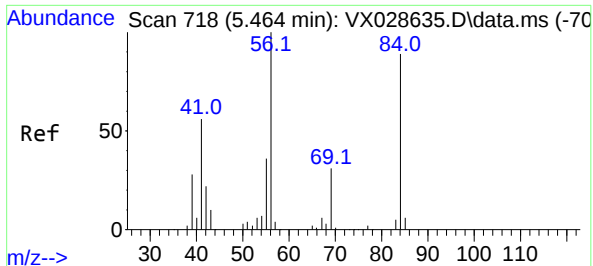
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#30
Chloroform
Concen: 20.158 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

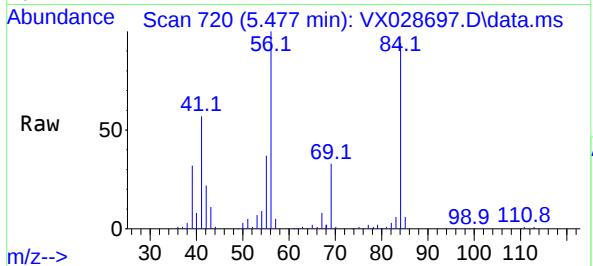
Tgt Ion: 83 Resp: 87006
Ion Ratio Lower Upper
83 100
85 65.5 52.7 79.1





#31
Cyclohexane
Concen: 19.404 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.013 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

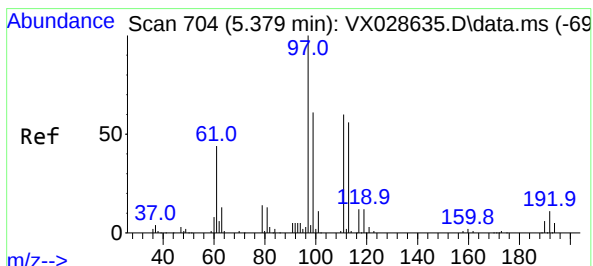
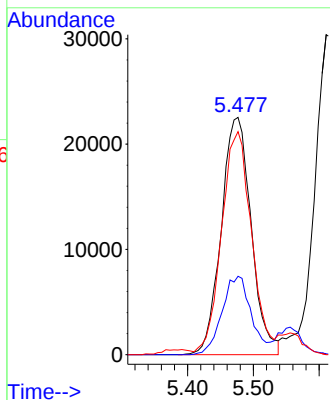
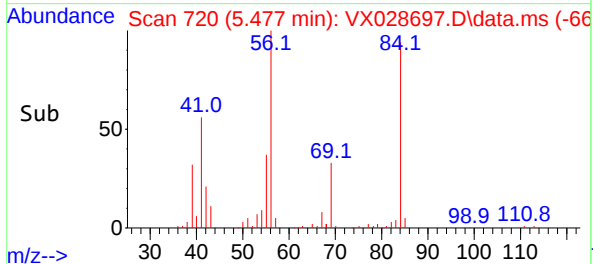
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



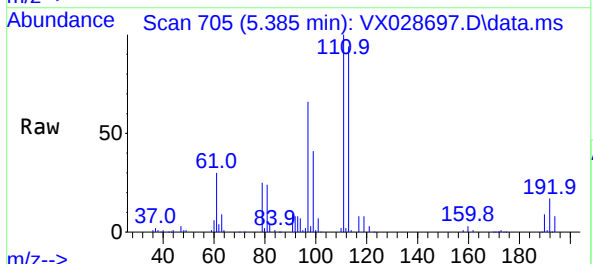
Tgt Ion: 56 Resp: 71399
Ion Ratio Lower Upper
56 100
69 33.0 26.7 40.1
84 92.0 77.2 115.8

Manual Integrations
APPROVED

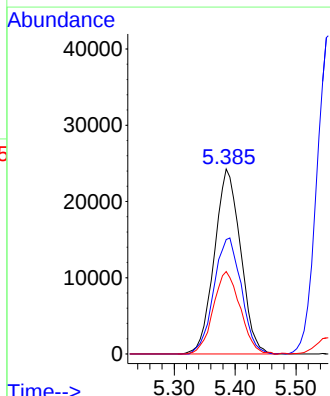
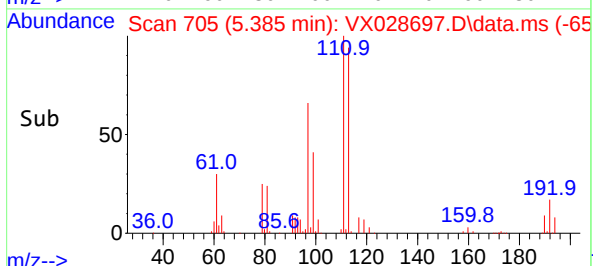
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

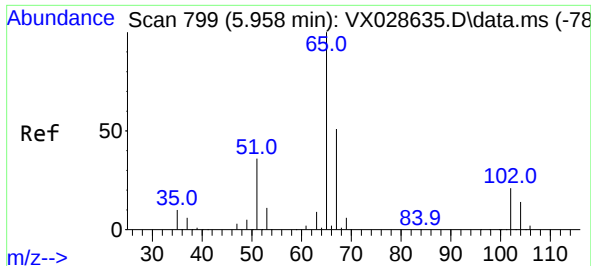


#32
1,1,1-Trichloroethane
Concen: 19.222 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



Tgt Ion: 97 Resp: 72428
Ion Ratio Lower Upper
97 100
99 65.7 51.8 77.6
61 45.8 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 49.338 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tgt Ion: 65 Resp: 130790

Ion Ratio Lower Upper

65 100

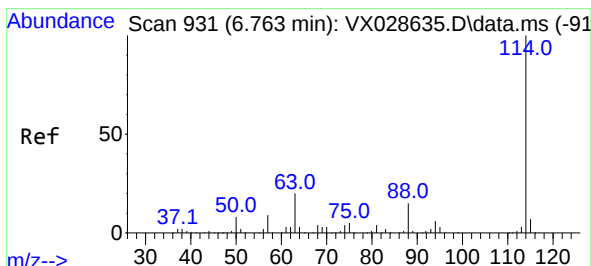
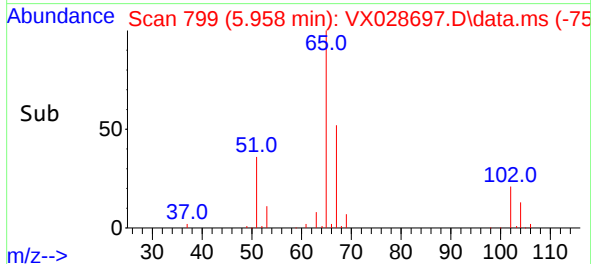
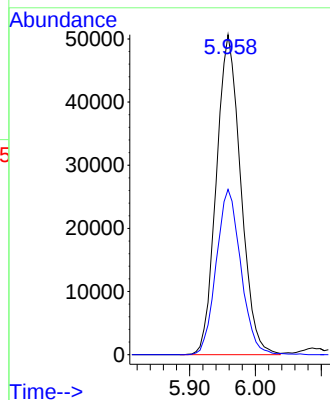
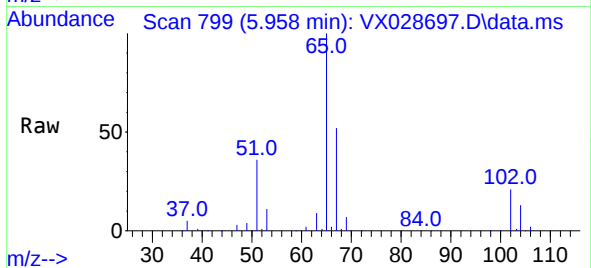
67 52.1 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

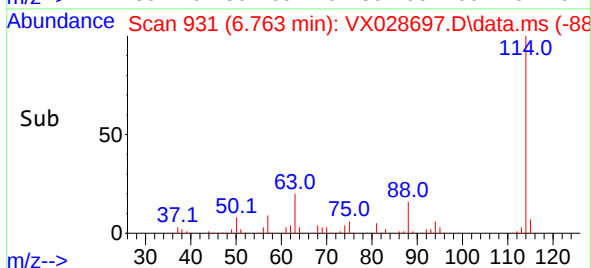
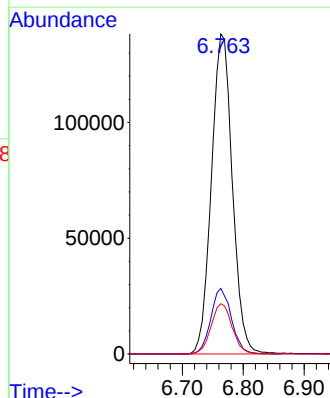
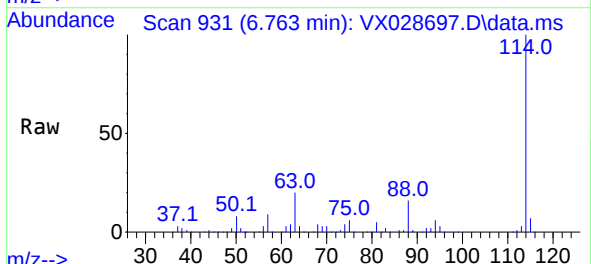
Tgt Ion:114 Resp: 329950

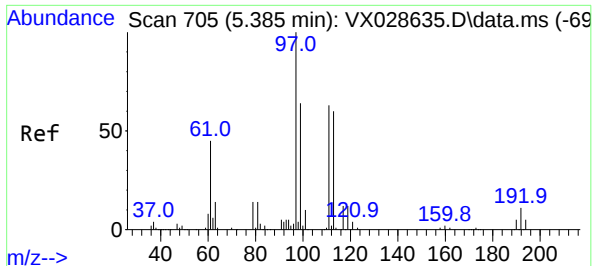
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.8

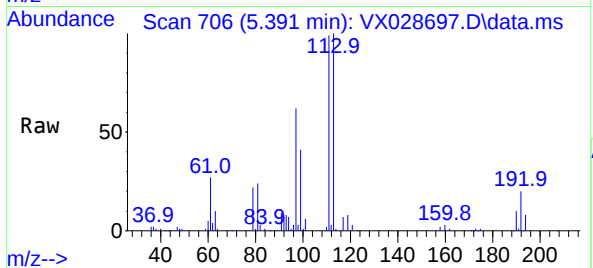
88 15.7 0.0 32.4





#35
Dibromofluoromethane
Concen: 48.408 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

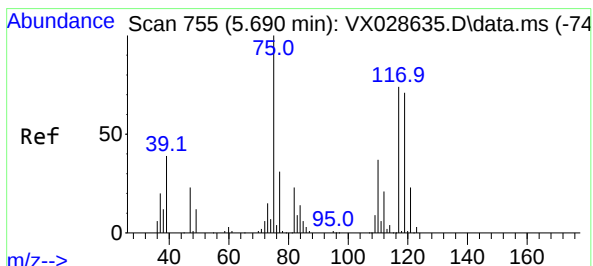
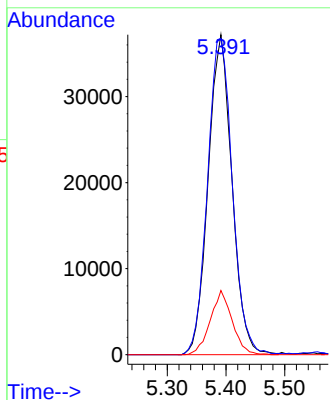
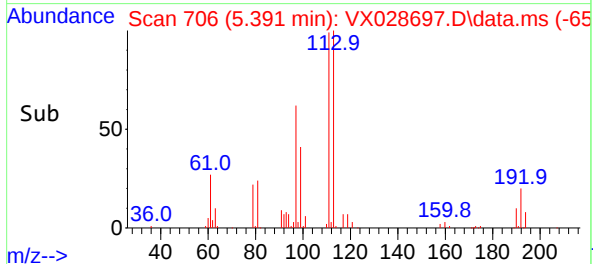
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



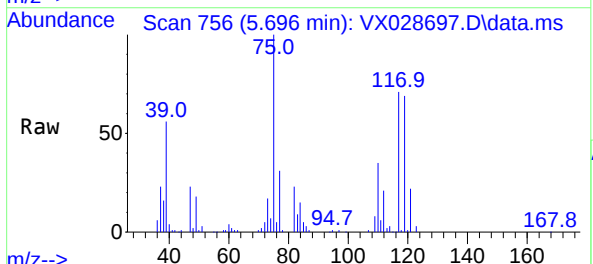
Tgt Ion:113 Resp: 10464
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.5 16.9 25.3

Manual Integrations
APPROVED

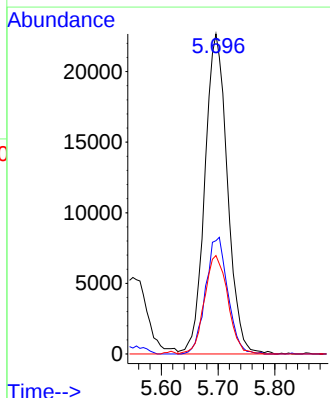
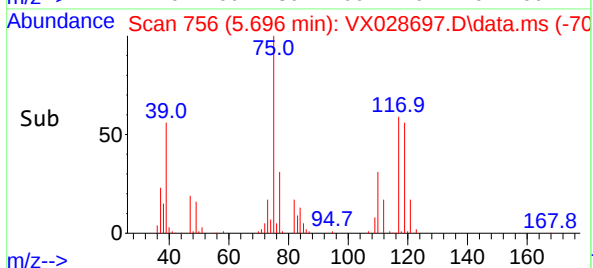
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#36
1,1-Dichloropropene
Concen: 19.311 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



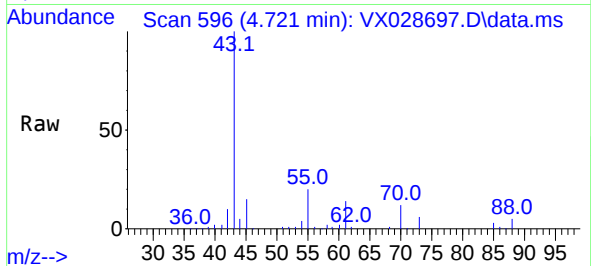
Tgt Ion: 75 Resp: 62703
Ion Ratio Lower Upper
75 100
110 35.8 18.3 54.8
77 31.8 24.8 37.2





#37
Ethyl Acetate
Concen: 20.271 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.013 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

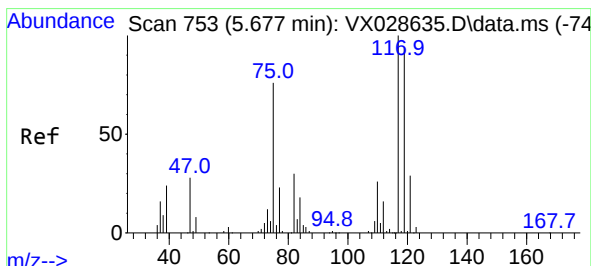
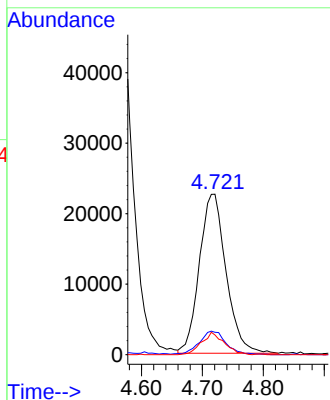
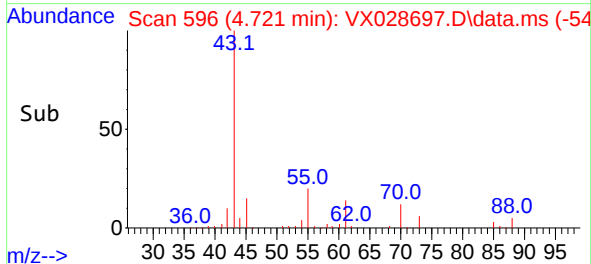
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



Tgt Ion: 43 Resp: 68740
Ion Ratio Lower Upper
43 100
61 14.9 12.6 19.0
70 11.9 10.2 15.2

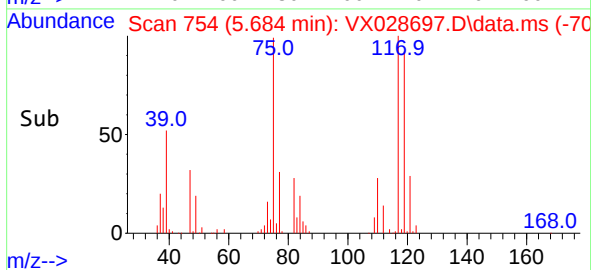
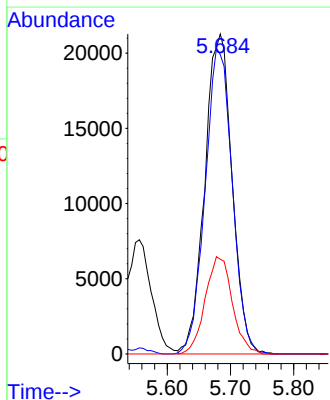
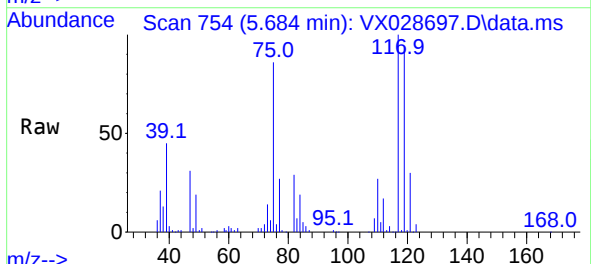
Manual Integrations
APPROVED

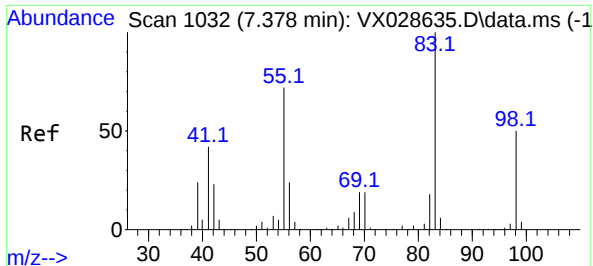
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#38
Carbon Tetrachloride
Concen: 19.560 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Tgt Ion:117 Resp: 63916
Ion Ratio Lower Upper
117 100
119 93.5 77.3 115.9
121 29.6 24.2 36.2





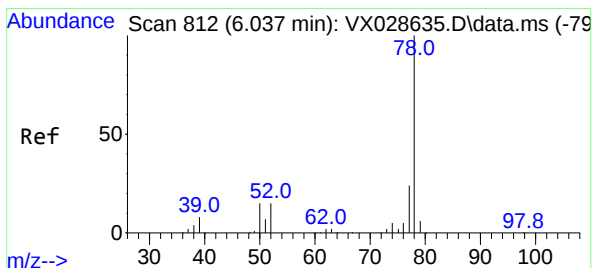
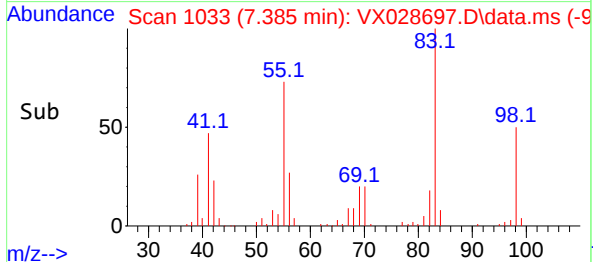
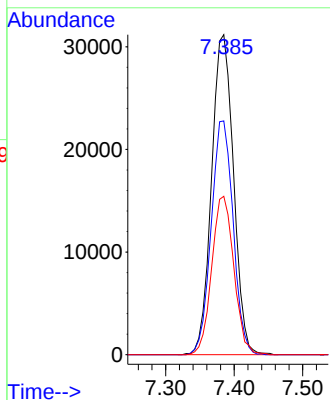
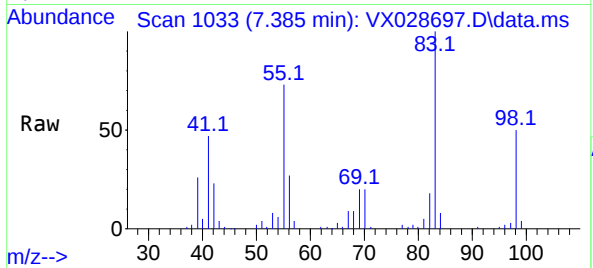
#39
Methylcyclohexane
Concen: 18.621 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion: 83 Resp: 69338
Ion Ratio Lower Upper
83 100
55 73.0 54.6 81.8
98 49.5 37.4 56.2

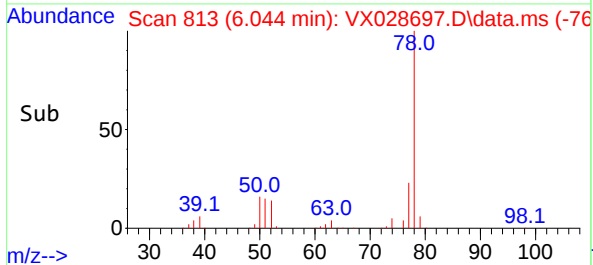
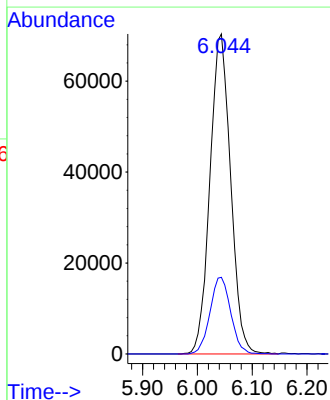
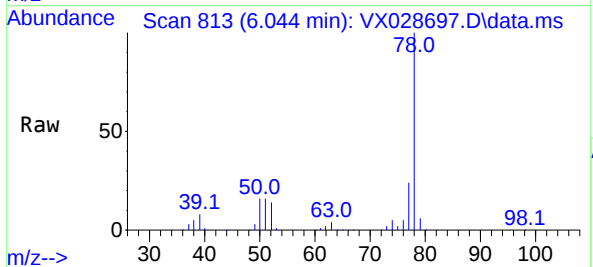
Manual Integrations
APPROVED

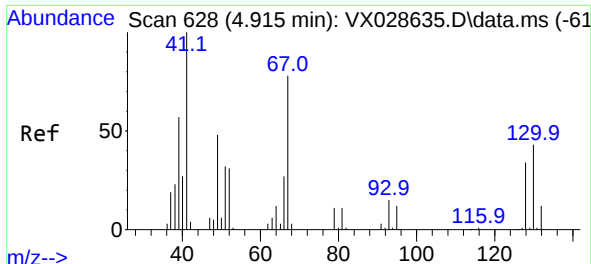
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#40
Benzene
Concen: 19.758 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

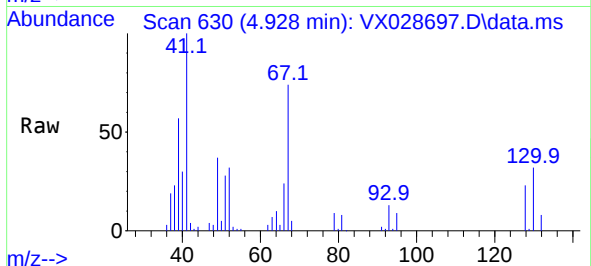
Tgt Ion: 78 Resp: 184375
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 19.529 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

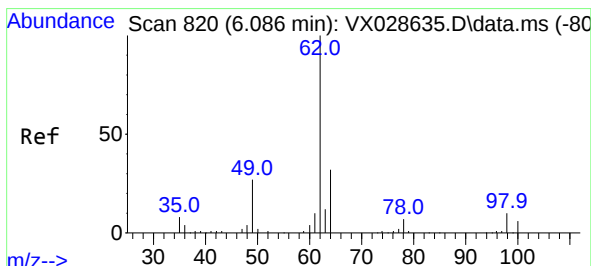
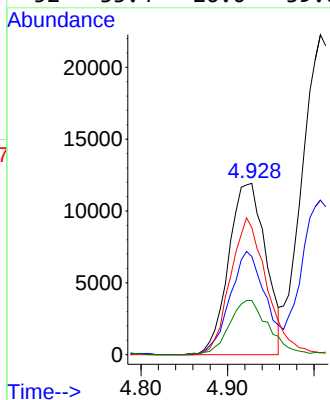
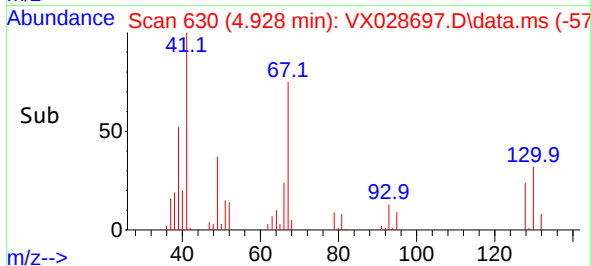
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



Tgt Ion: 41 Resp: 3551
Ion Ratio Lower Upper
41 100
39 58.6 43.0 64.4
67 79.1 70.2 105.4
52 33.4 26.0 39.0

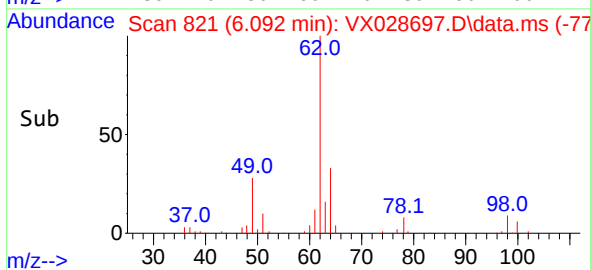
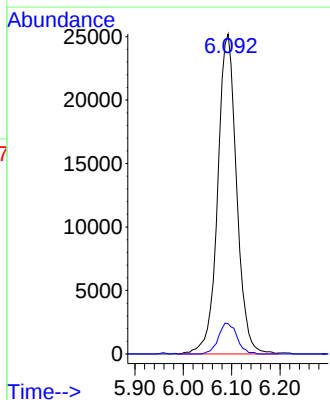
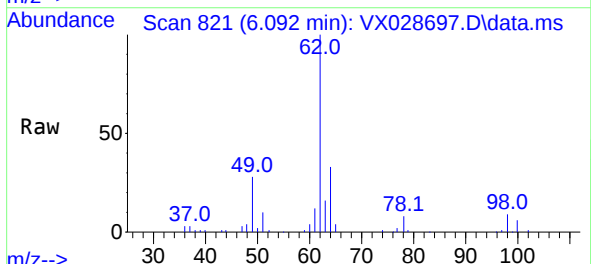
Manual Integrations
APPROVED

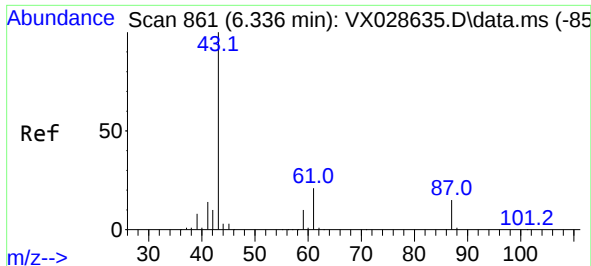
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#42
1,2-Dichloroethane
Concen: 19.887 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

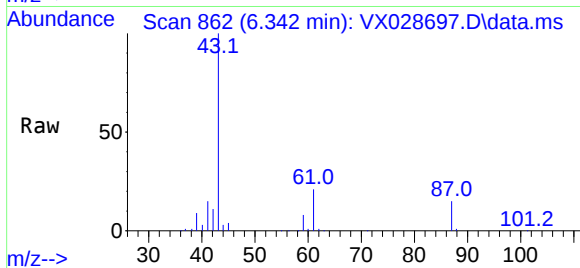
Tgt Ion: 62 Resp: 68451
Ion Ratio Lower Upper
62 100
98 9.5 0.0 20.4





#43
Isopropyl Acetate
Concen: 19.288 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

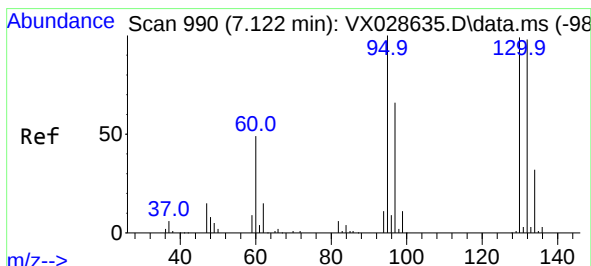
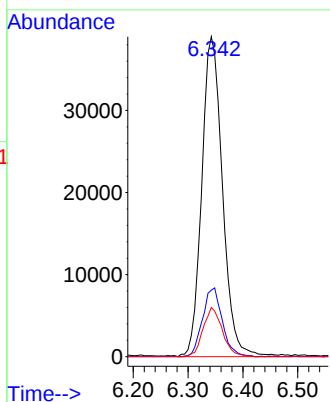
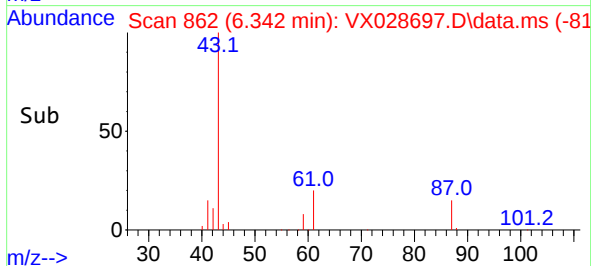
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



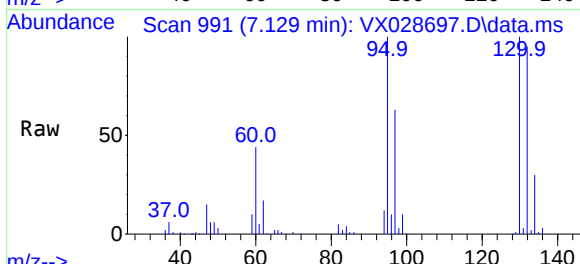
Tgt Ion: 43 Resp: 102330
Ion Ratio Lower Upper
43 100
61 20.5 18.5 27.7
87 14.3 13.0 19.6

Manual Integrations
APPROVED

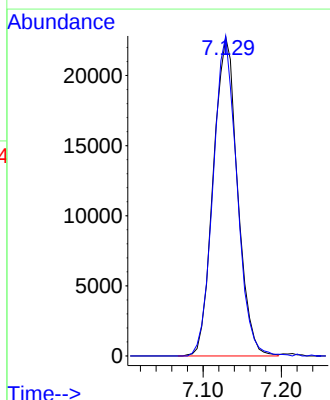
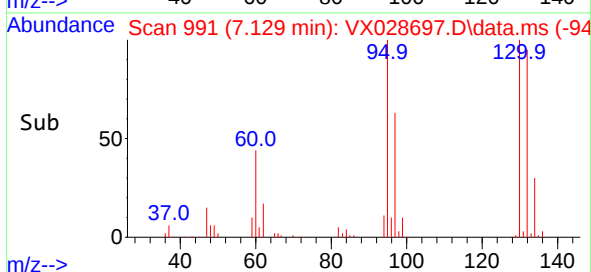
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#44
Trichloroethene
Concen: 19.303 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



Tgt Ion:130 Resp: 48852
Ion Ratio Lower Upper
130 100
95 100.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 19.913 ug/l

RT: 7.434 min Scan# 1040

Delta R.T. 0.007 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tgt Ion: 63 Resp: 4636

Ion Ratio Lower Upper

63 100

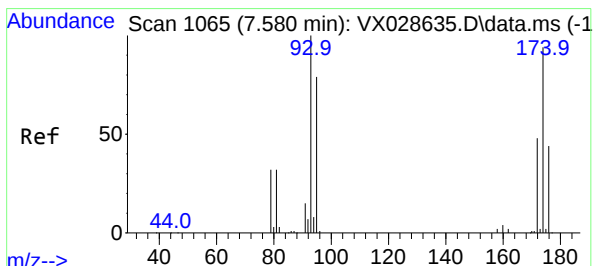
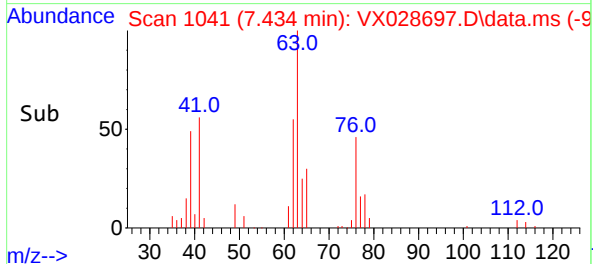
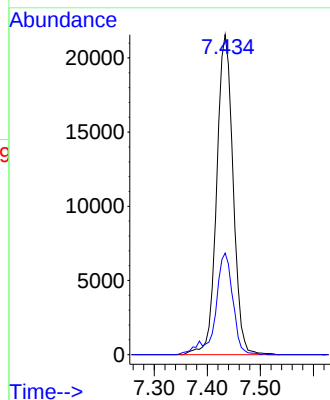
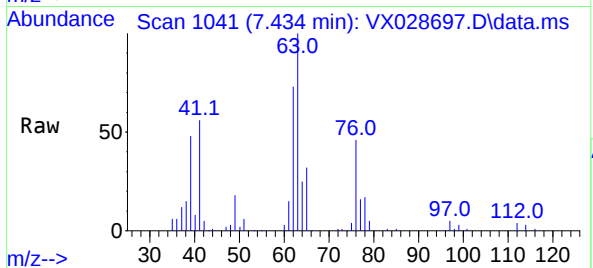
65 31.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#46

Dibromomethane

Concen: 19.635 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

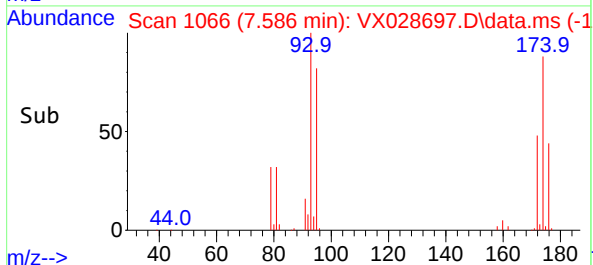
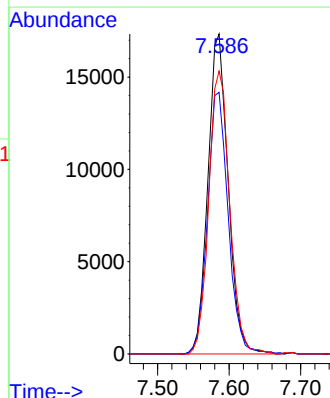
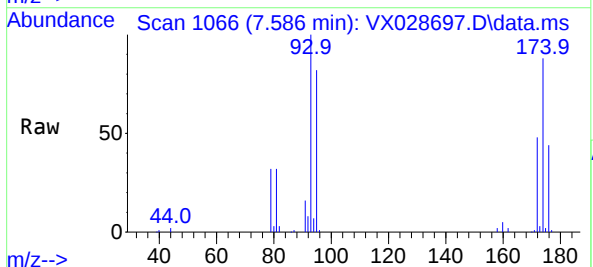
Tgt Ion: 93 Resp: 34140

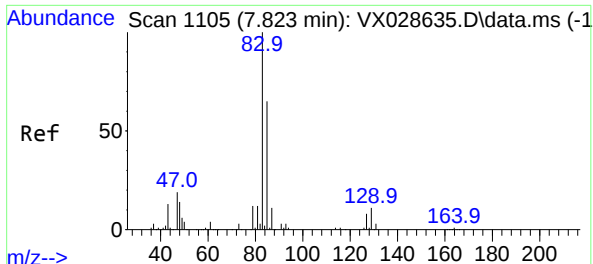
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

174 91.5 85.4 128.2





#47

Bromodichloromethane

Concen: 19.502 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tgt Ion: 83 Resp: 62954

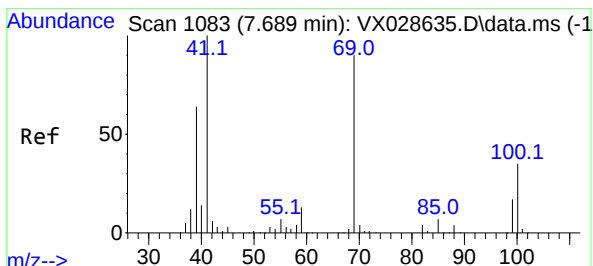
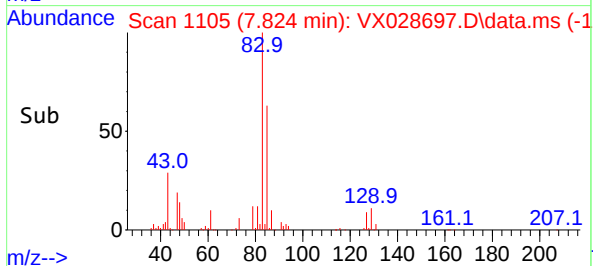
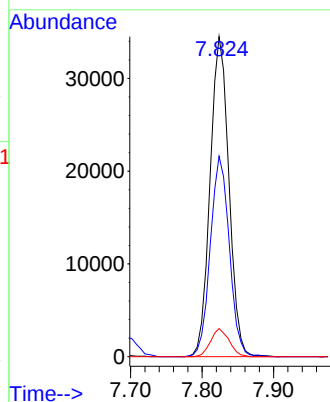
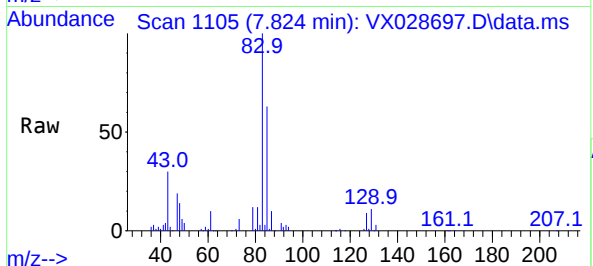
Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.2	78.2
127	8.8	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#48

Methyl methacrylate

Concen: 20.130 ug/l

RT: 7.696 min Scan# 1084

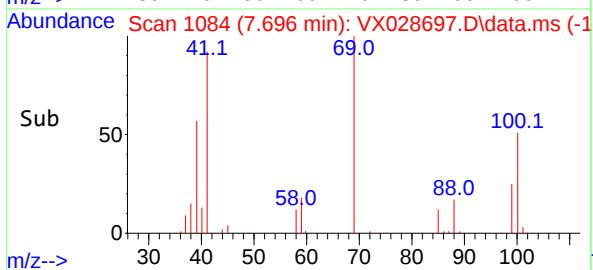
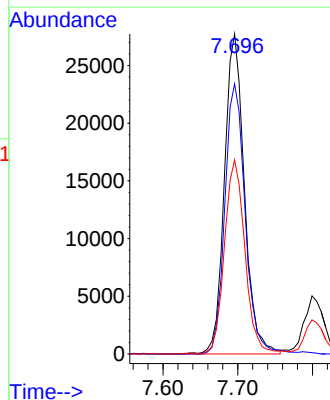
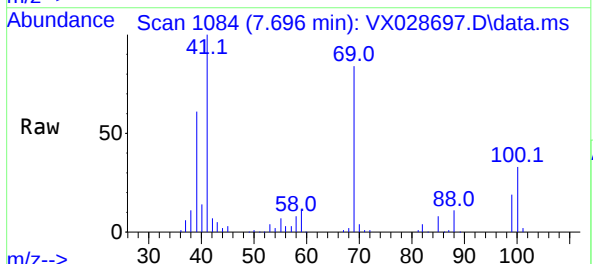
Delta R.T. 0.007 min

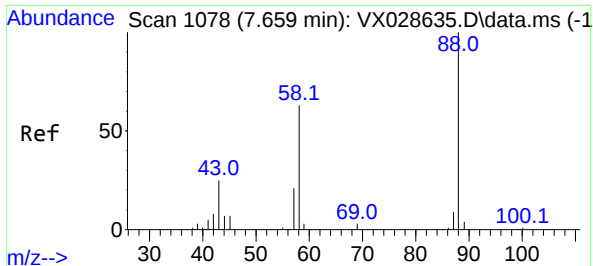
Lab File: VX028697.D

Acq: 13 May 2022 23:29

Tgt Ion: 41 Resp: 51593

Ion	Ratio	Lower	Upper
41	100		
69	86.1	82.5	123.7
39	62.5	43.8	65.8





#49

1,4-Dioxane

Concen: 399.443 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.012 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tgt Ion: 88 Resp: 25570

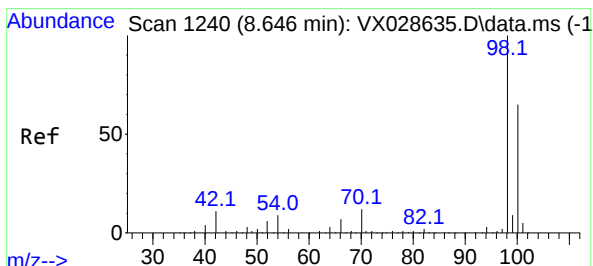
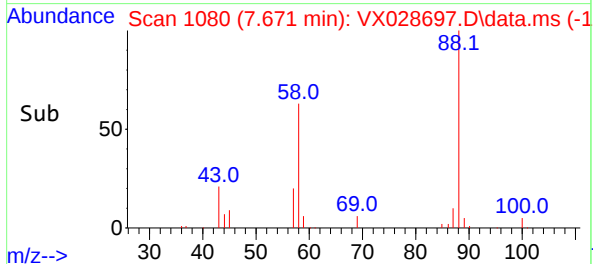
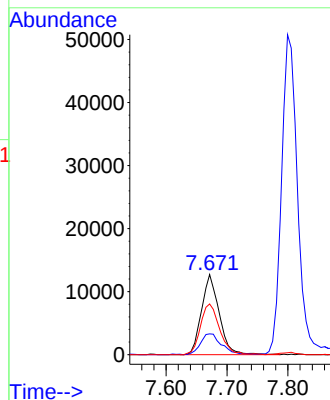
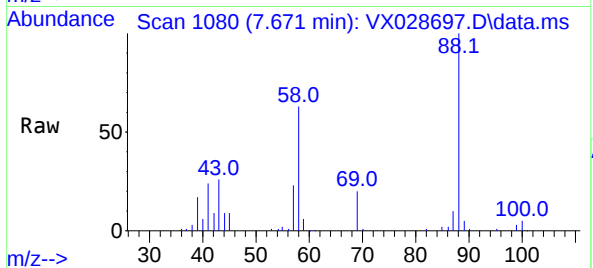
Ion	Ratio	Lower	Upper
88	100		
43	31.4	21.9	32.9
58	68.5	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#50

Toluene-d8

Concen: 47.842 ug/l

RT: 8.653 min Scan# 1241

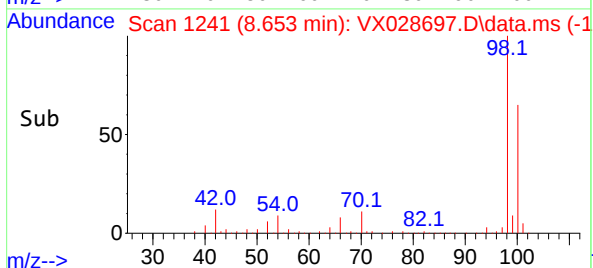
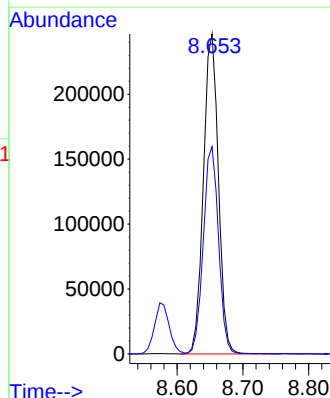
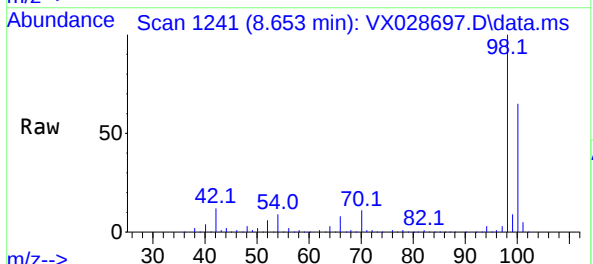
Delta R.T. 0.007 min

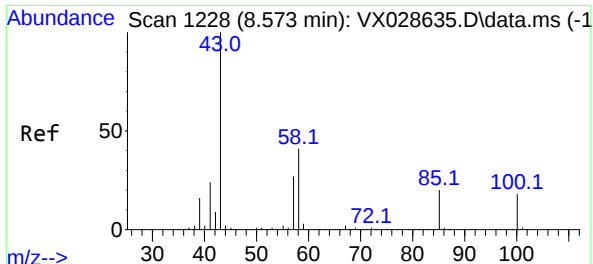
Lab File: VX028697.D

Acq: 13 May 2022 23:29

Tgt Ion: 98 Resp: 389931

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 103.116 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tgt Ion: 43 Resp: 36036

Ion Ratio Lower Upper

43 100

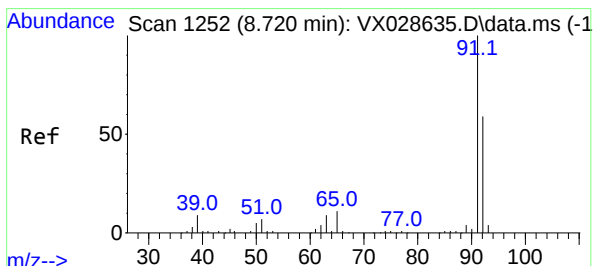
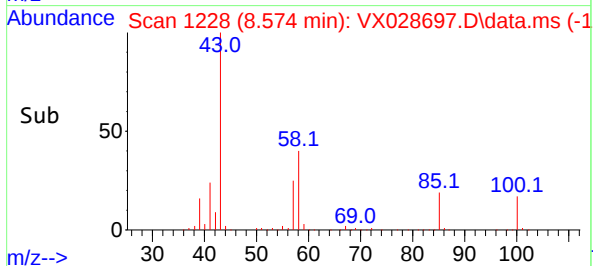
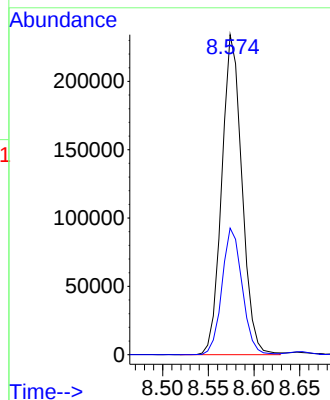
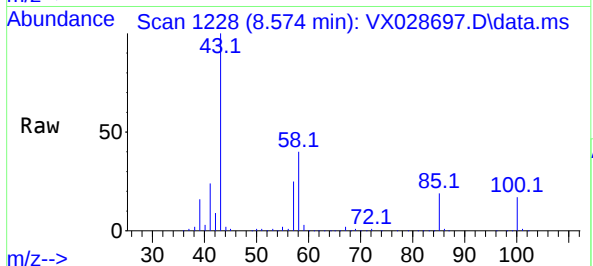
58 39.5 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#52

Toluene

Concen: 19.922 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX028697.D

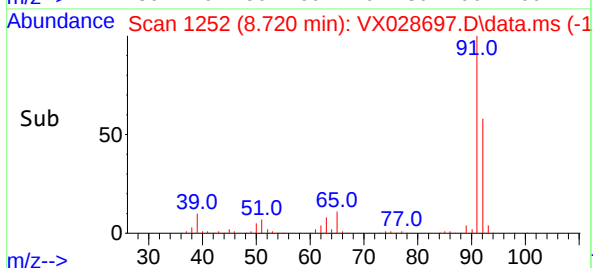
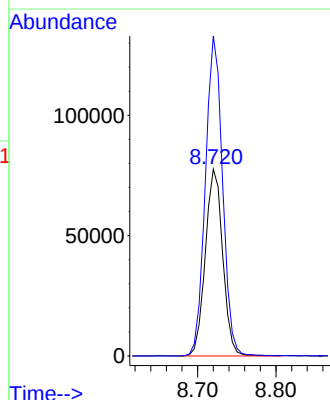
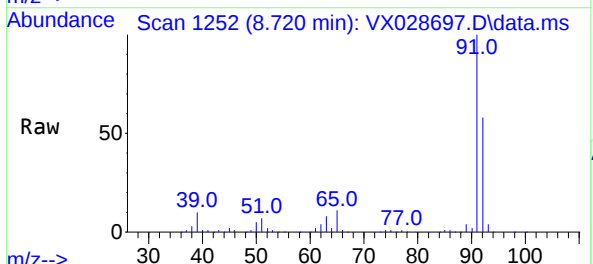
Acq: 13 May 2022 23:29

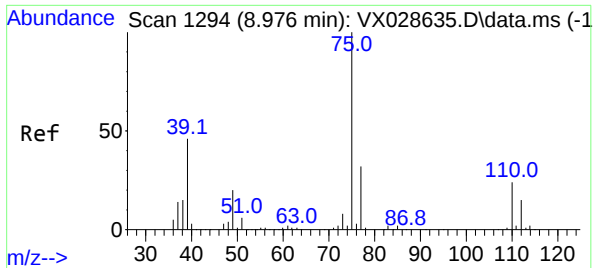
Tgt Ion: 92 Resp: 119588

Ion Ratio Lower Upper

92 100

91 169.3 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 16.856 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tgt Ion: 75 Resp: 5845

Ion Ratio Lower Upper

75 100

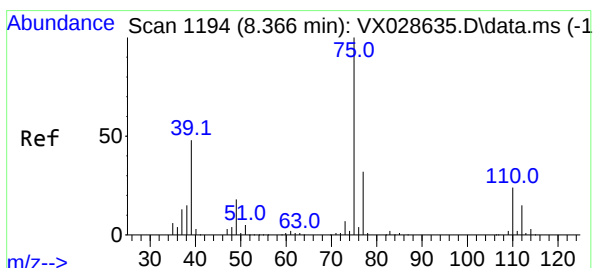
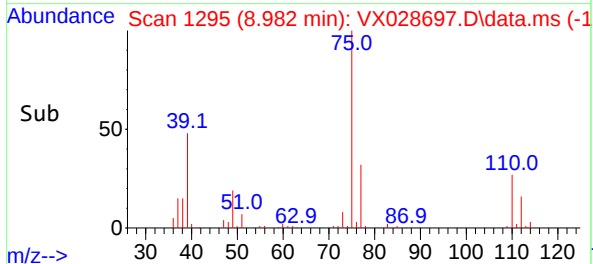
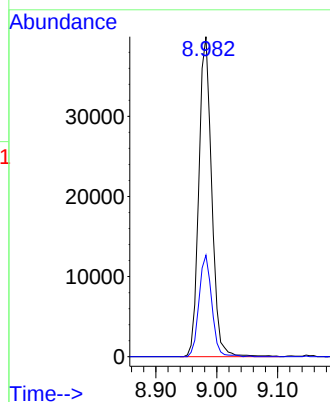
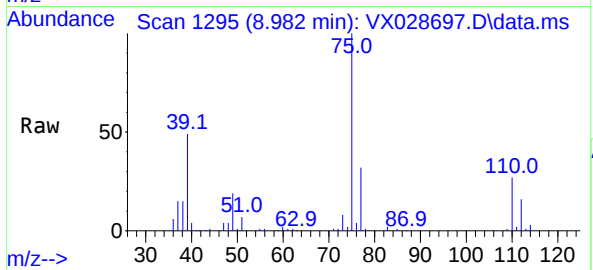
77 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#54

cis-1,3-Dichloropropene

Concen: 18.450 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

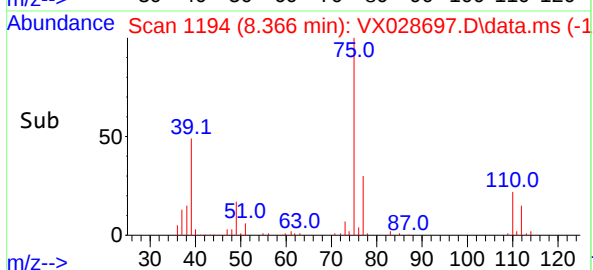
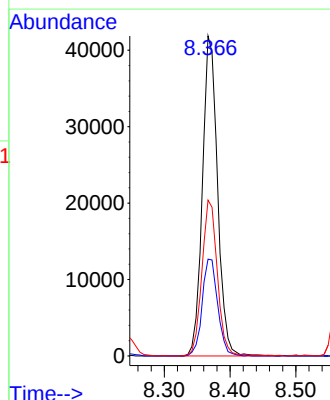
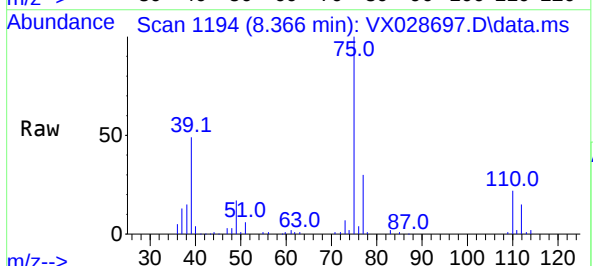
Tgt Ion: 75 Resp: 67015

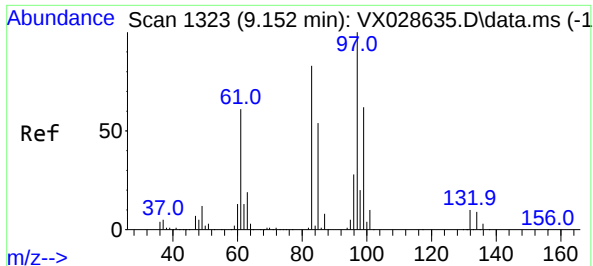
Ion Ratio Lower Upper

75 100

77 30.2 24.8 37.2

39 48.7 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 19.933 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

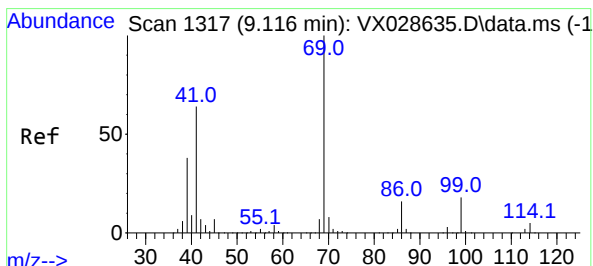
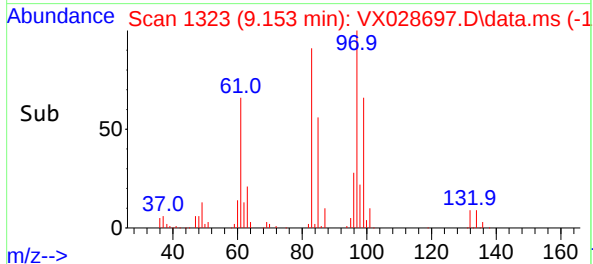
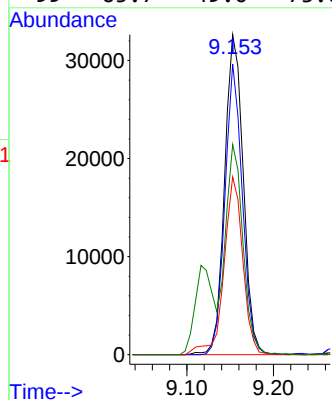
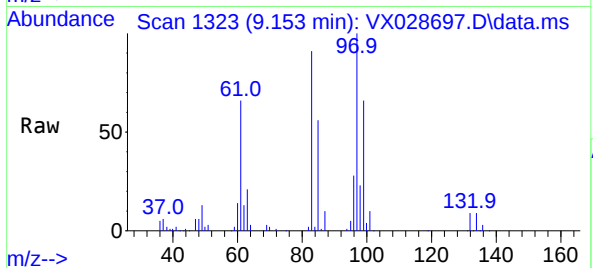
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion: 97 Resp: 4879

Ion	Ratio	Lower	Upper
97	100		
83	90.9	66.2	99.4
85	55.6	42.9	64.3
99	65.7	49.0	73.6

Manual Integrations
APPROVED

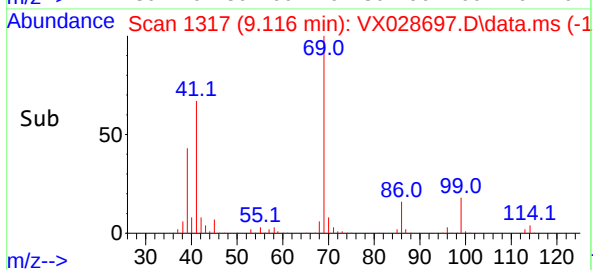
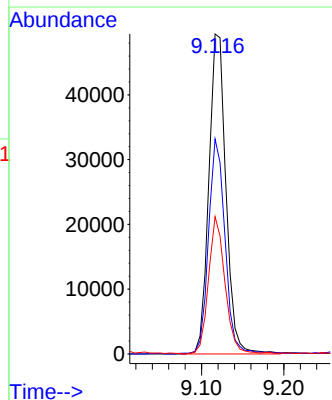
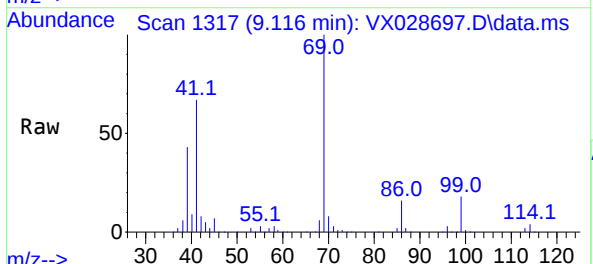
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

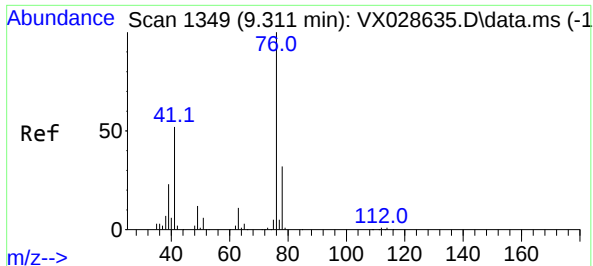


#56
Ethyl methacrylate
Concen: 19.249 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Tgt Ion: 69 Resp: 71351

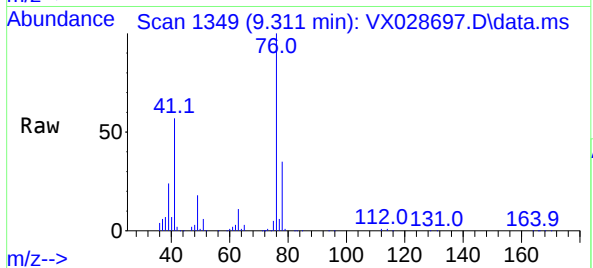
Ion	Ratio	Lower	Upper
69	100		
41	65.3	43.8	65.6
39	41.8	22.2	33.2





#57
1,3-Dichloropropane
Concen: 19.723 ug/l
RT: 9.311 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

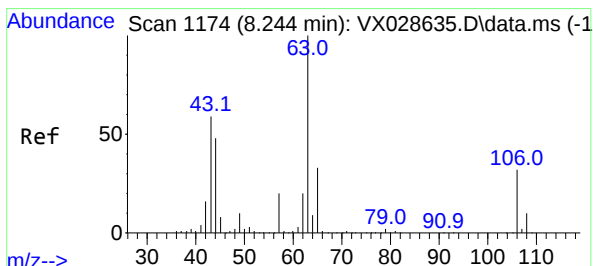
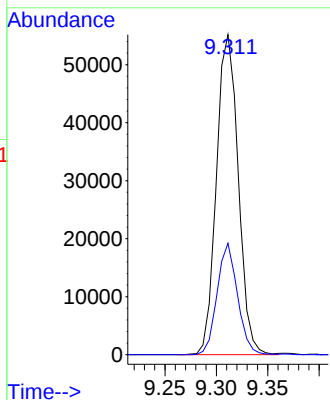
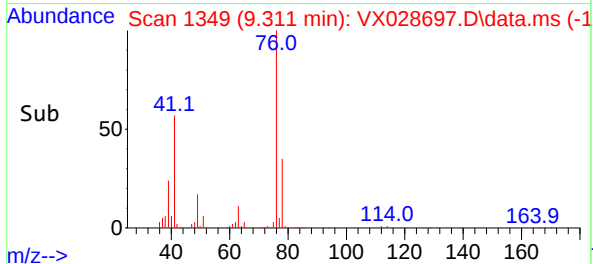
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



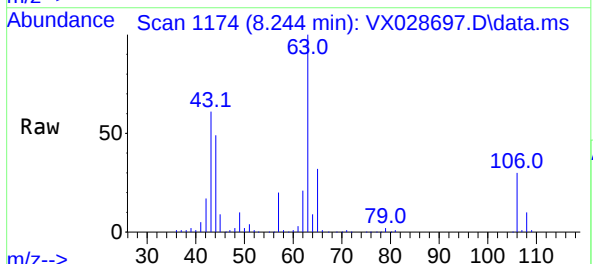
Tgt Ion: 76 Resp: 81428
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8

Manual Integrations
APPROVED

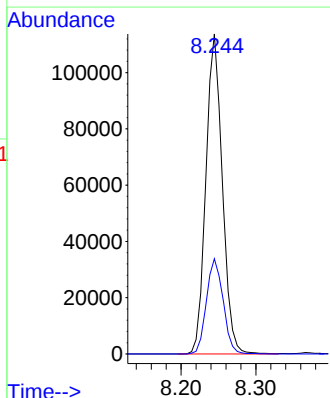
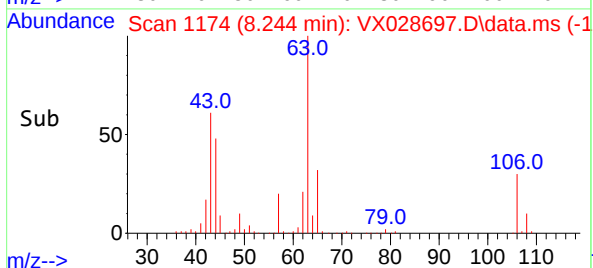
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#58
2-Chloroethyl Vinyl ether
Concen: 95.664 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



Tgt Ion: 63 Resp: 173610
Ion Ratio Lower Upper
63 100
106 30.2 23.9 35.9





#59

2-Hexanone

Concen: 101.993 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tgt Ion: 43 Resp: 27693

Ion Ratio Lower Upper

43 100

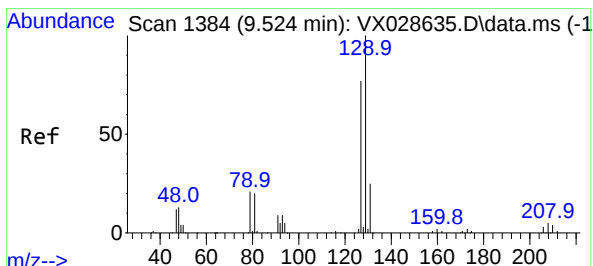
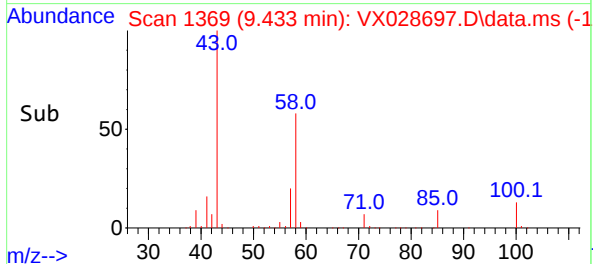
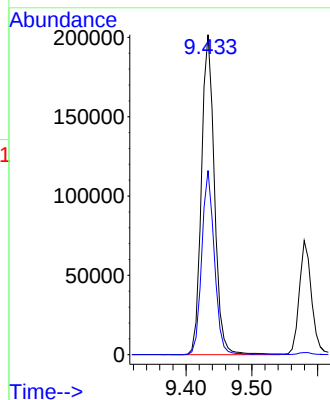
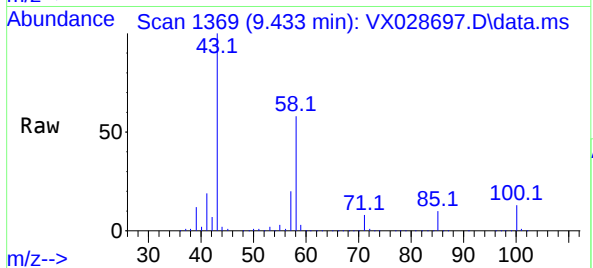
58 55.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#60

Dibromochloromethane

Concen: 19.023 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX028697.D

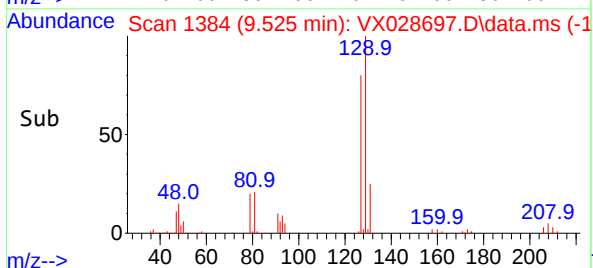
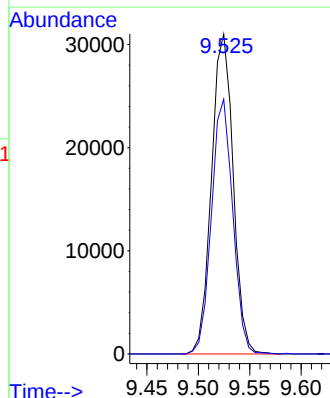
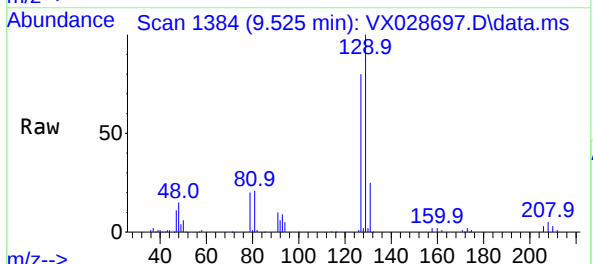
Acq: 13 May 2022 23:29

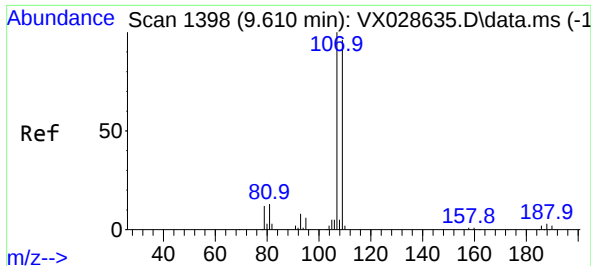
Tgt Ion:129 Resp: 45412

Ion Ratio Lower Upper

129 100

127 78.2 40.3 120.8





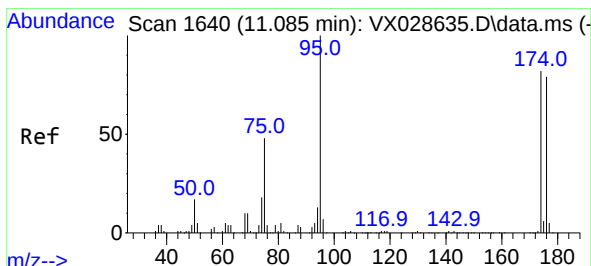
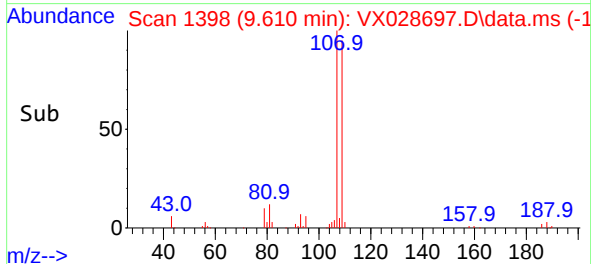
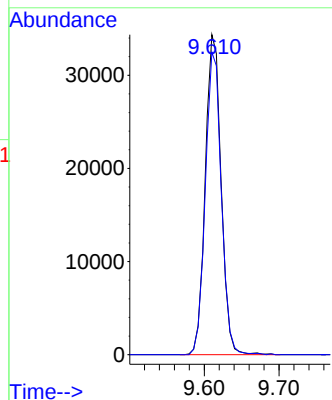
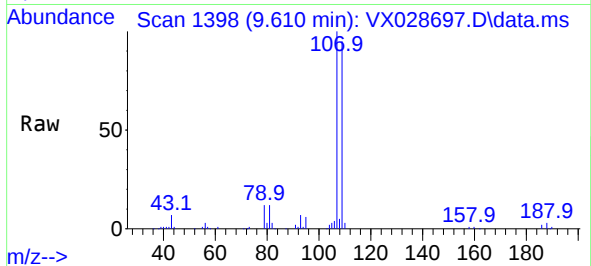
#61
1,2-Dibromoethane
Concen: 19.660 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion:107 Resp: 50544
Ion Ratio Lower Upper
107 100
109 95.4 74.4 111.6

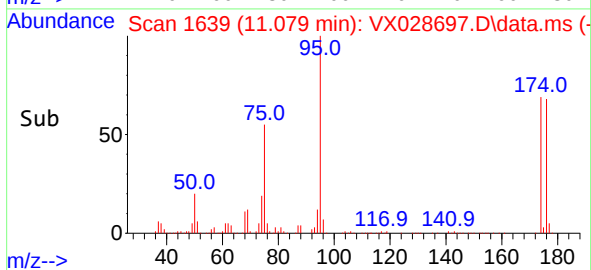
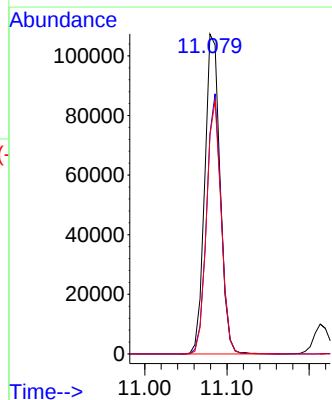
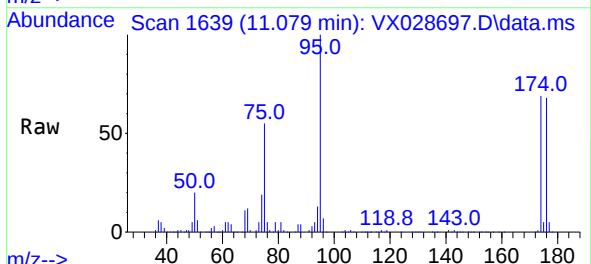
Manual Integrations
APPROVED

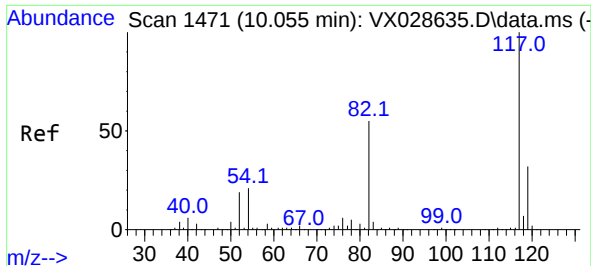
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#62
4-Bromofluorobenzene
Concen: 45.505 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

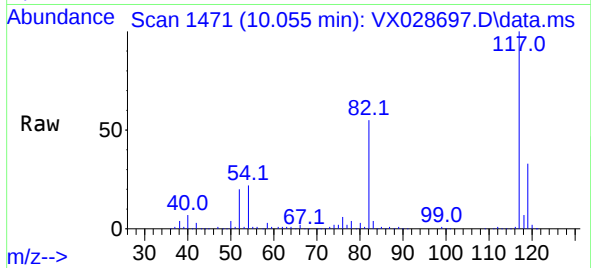
Tgt Ion: 95 Resp: 138527
Ion Ratio Lower Upper
95 100
174 77.2 0.0 163.0
176 75.6 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

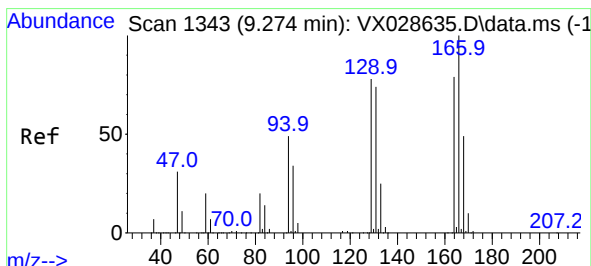
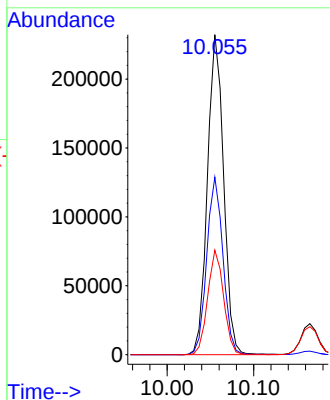
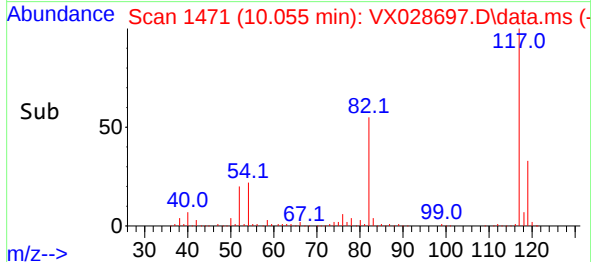
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



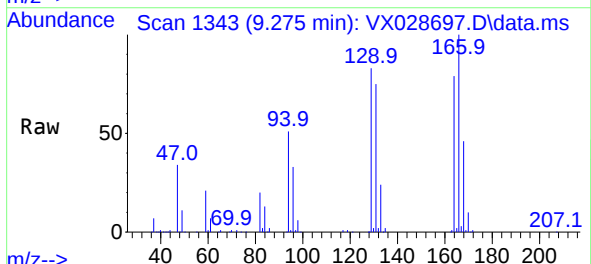
Tgt Ion:117 Resp: 30181
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.6 24.8 37.2

Manual Integrations
APPROVED

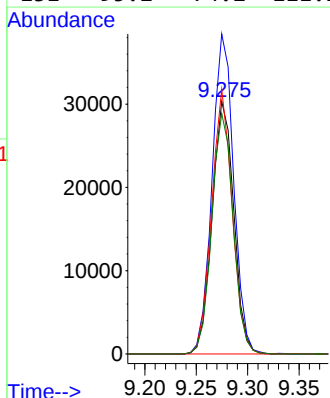
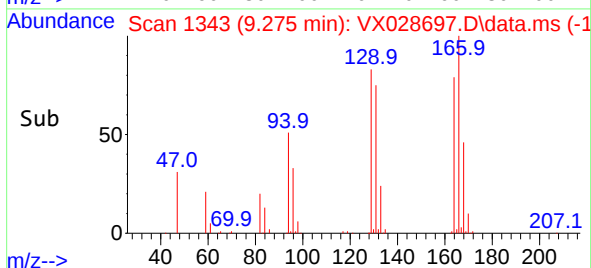
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#64
Tetrachloroethene
Concen: 19.444 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



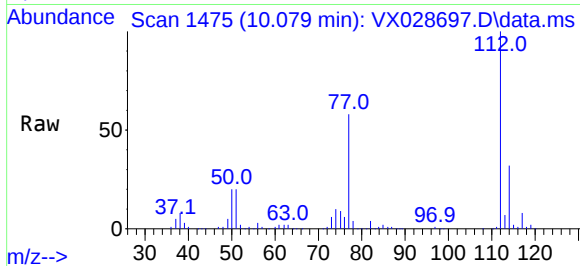
Tgt Ion:164 Resp: 44317
Ion Ratio Lower Upper
164 100
166 126.7 101.2 151.8
129 104.8 73.0 109.4
131 95.2 74.2 111.2





#65
Chlorobenzene
Concen: 19.695 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

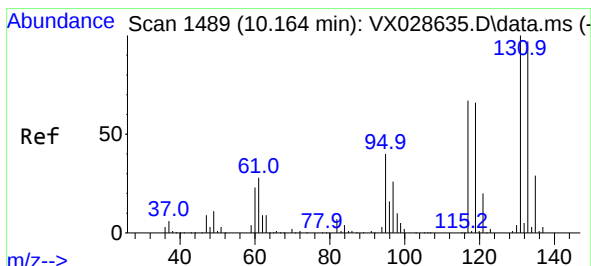
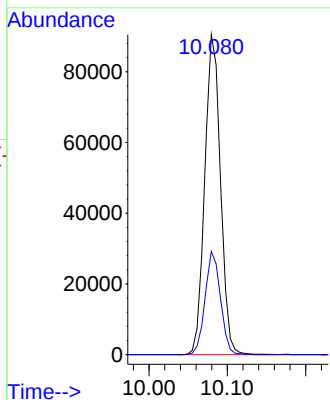
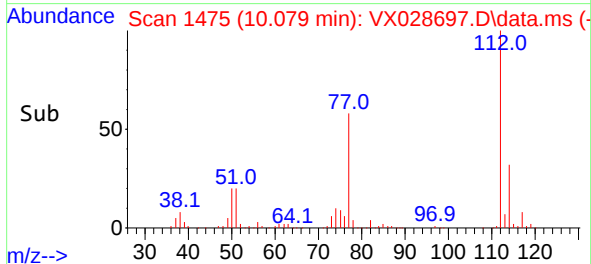
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



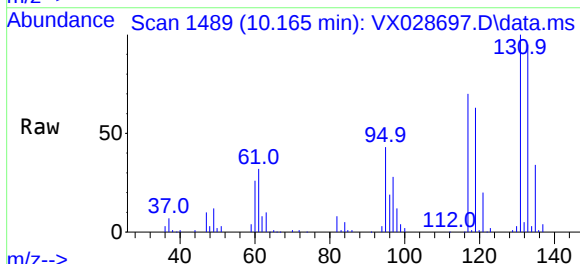
Tgt Ion:112 Resp: 12610
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

Manual Integrations
APPROVED

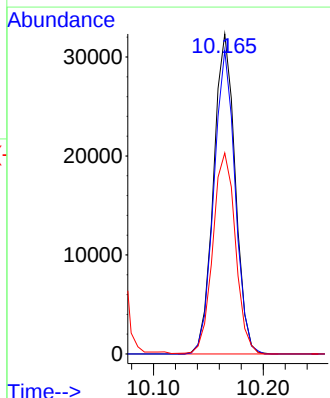
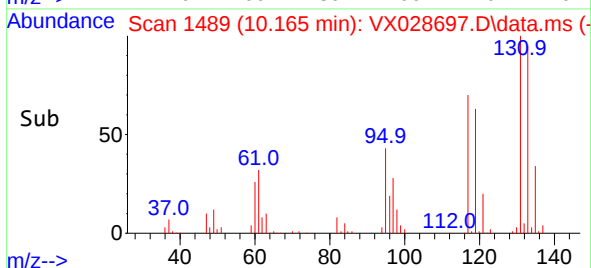
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

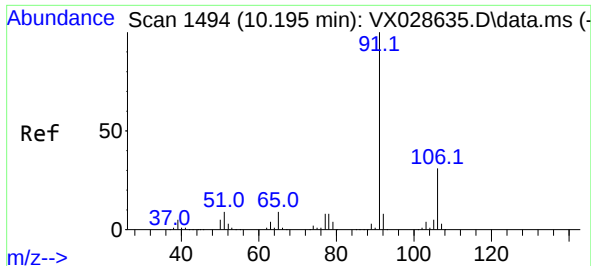


#66
1,1,1,2-Tetrachloroethane
Concen: 19.524 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



Tgt Ion:131 Resp: 44282
Ion Ratio Lower Upper
131 100
133 93.2 48.3 144.8
119 65.8 32.6 98.0





#67

Ethyl Benzene

Concen: 19.666 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tgt Ion: 91 Resp: 225690

Ion Ratio Lower Upper

91 100

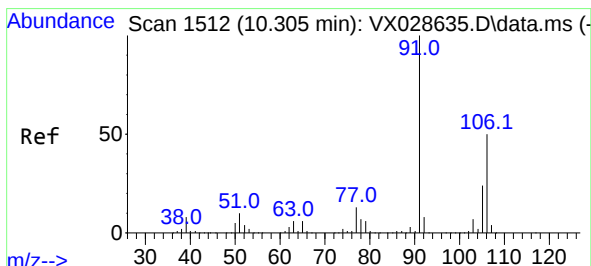
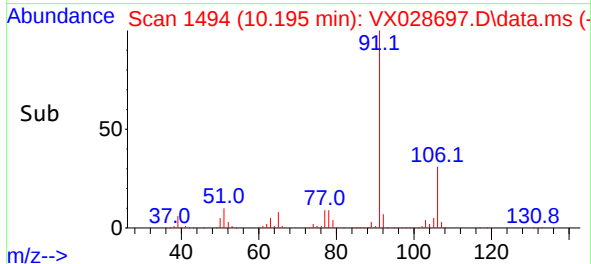
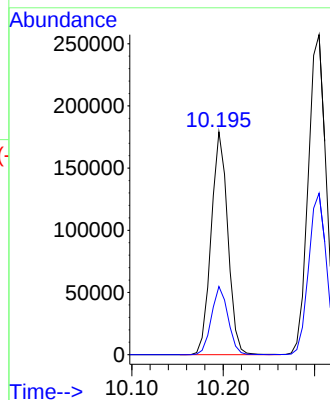
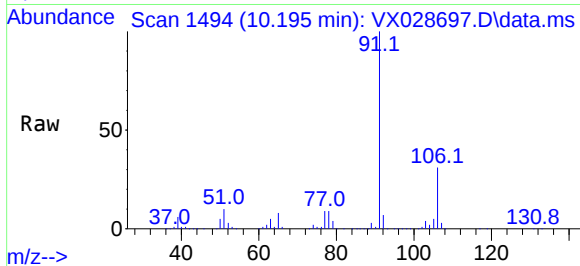
106 30.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#68

m/p-Xylenes

Concen: 39.742 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028697.D

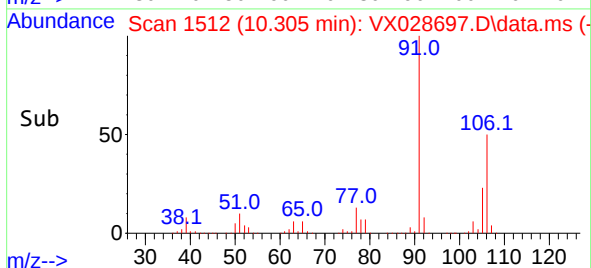
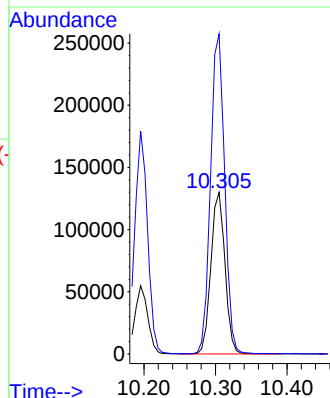
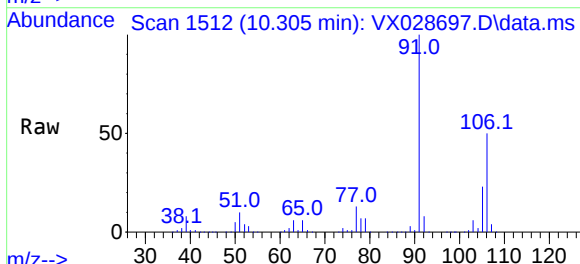
Acq: 13 May 2022 23:29

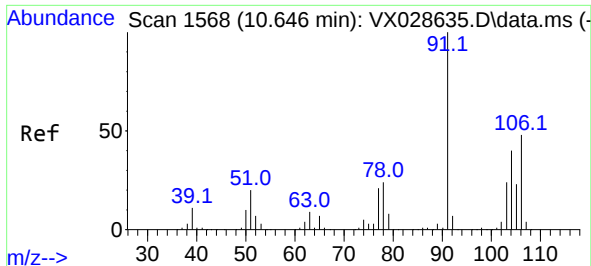
Tgt Ion:106 Resp: 177570

Ion Ratio Lower Upper

106 100

91 198.6 160.4 240.6





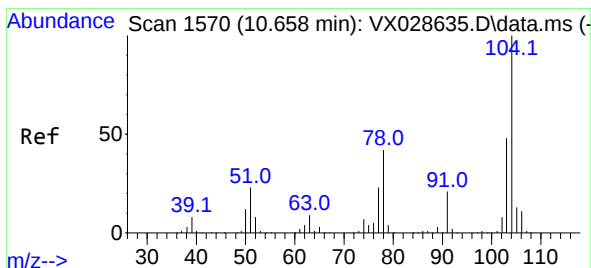
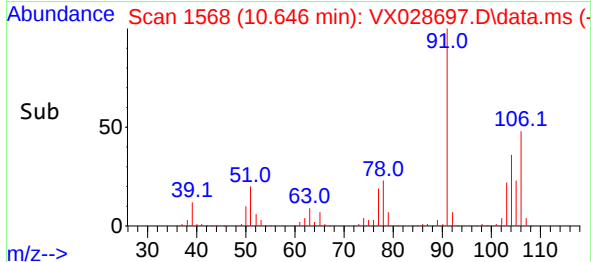
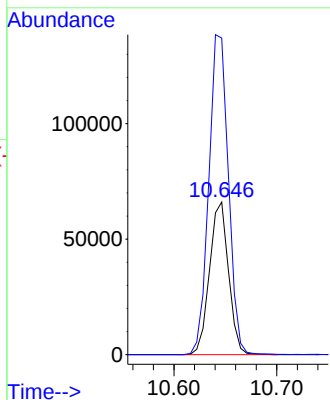
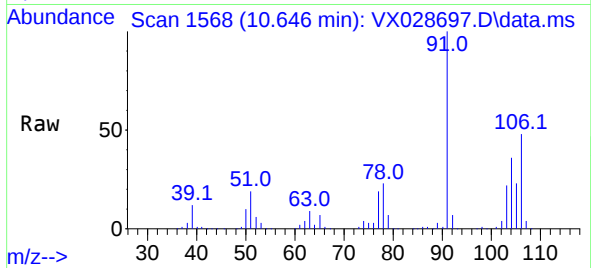
#69
o-Xylene
Concen: 19.276 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion:106 Resp: 8479
Ion Ratio Lower Upper
106 100
91 216.2 106.1 318.1

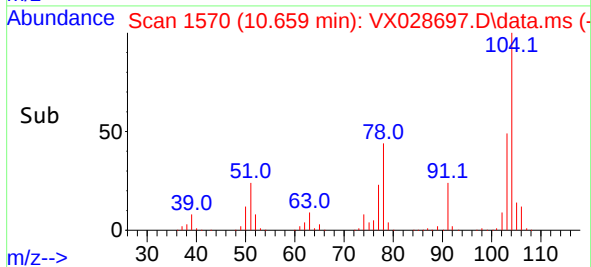
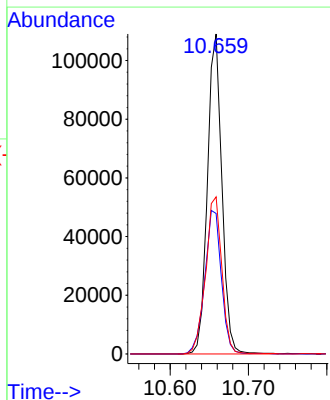
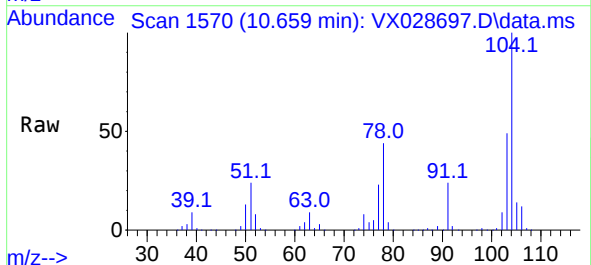
Manual Integrations
APPROVED

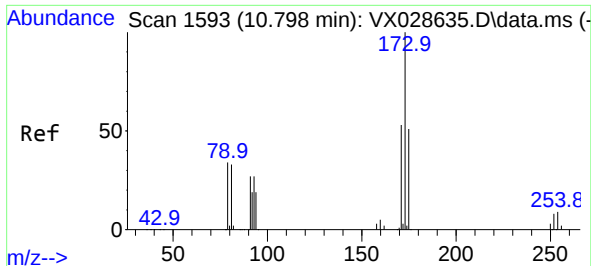
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#70
Styrene
Concen: 19.534 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

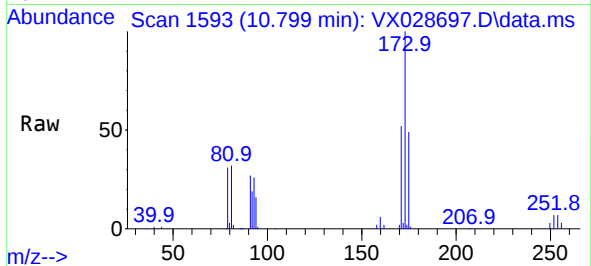
Tgt Ion:104 Resp: 139548
Ion Ratio Lower Upper
104 100
78 51.5 38.6 57.8
103 55.3 43.8 65.8





#71
Bromoform
Concen: 17.294 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

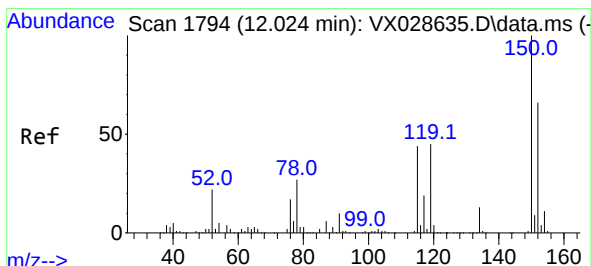
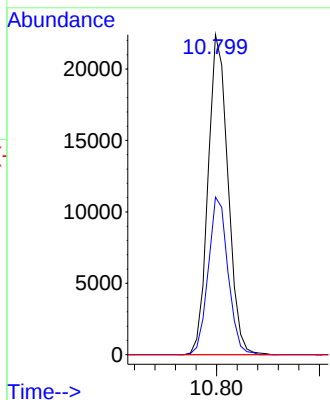
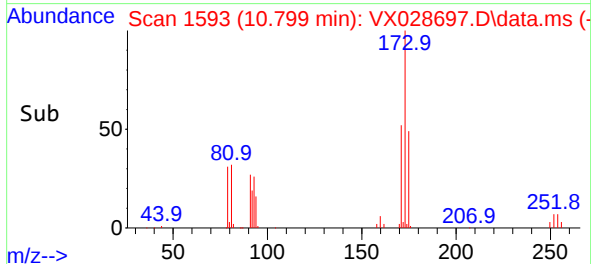
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



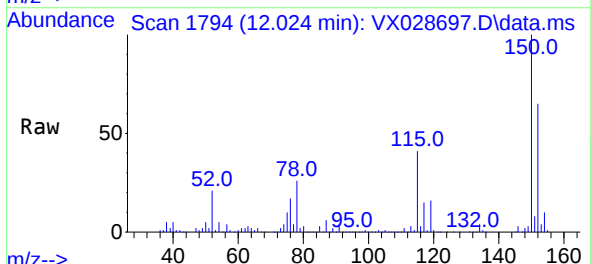
Tgt Ion:173 Resp: 3014
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

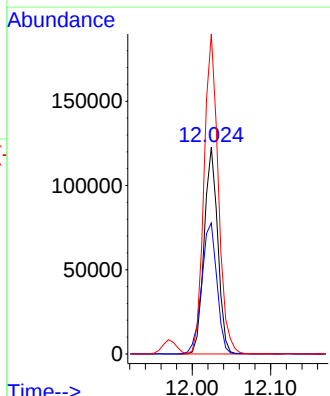
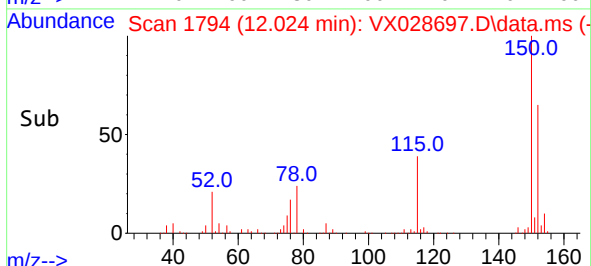
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

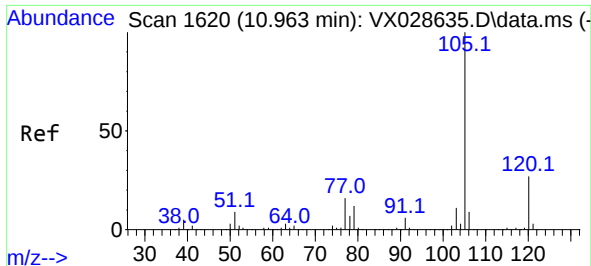


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



Tgt Ion:152 Resp: 147165
Ion Ratio Lower Upper
152 100
115 71.4 37.5 112.7
150 162.8 0.0 338.2





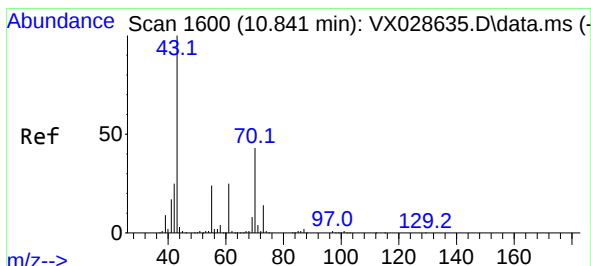
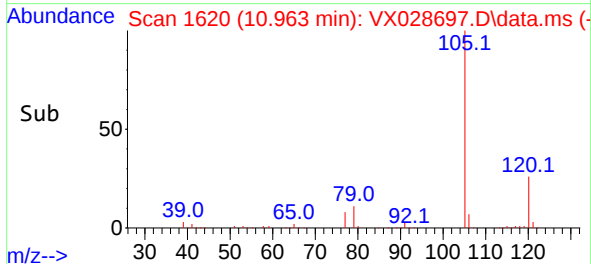
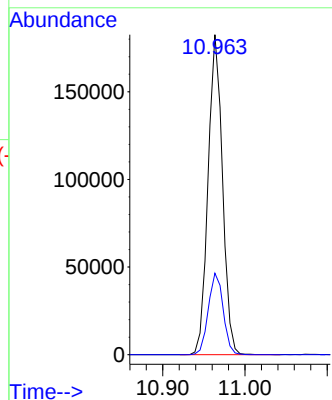
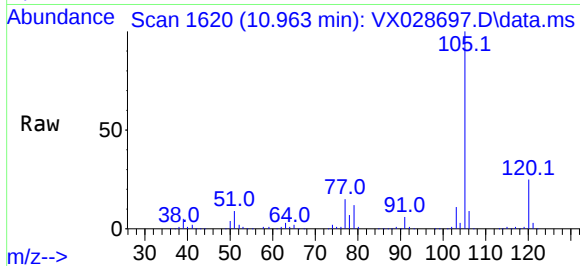
#73
Isopropylbenzene
Concen: 19.905 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion:105 Resp: 22214
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.5

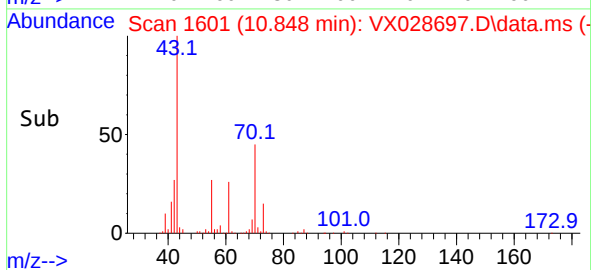
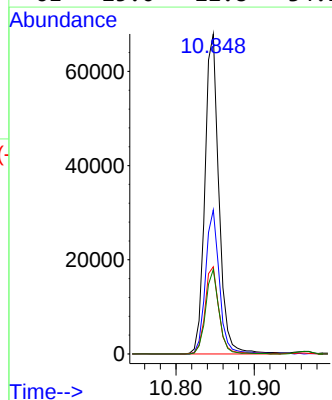
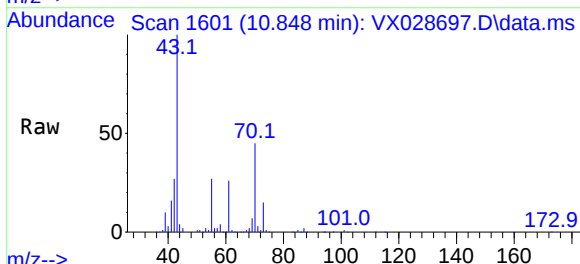
Manual Integrations
APPROVED

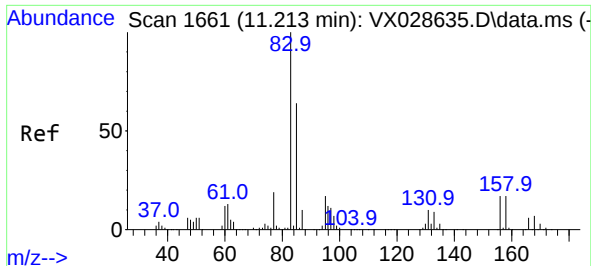
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#74
N-ethyl acetate
Concen: 19.259 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

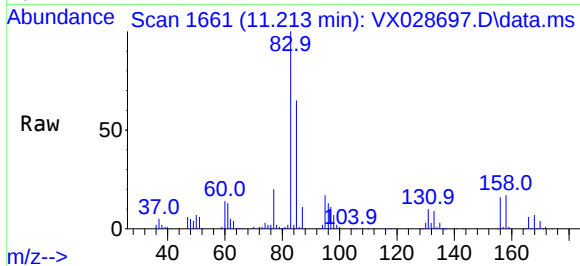
Tgt Ion: 43 Resp: 84488
Ion Ratio Lower Upper
43 100
70 44.4 42.5 63.7
55 27.1 23.1 34.7
61 25.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.131 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

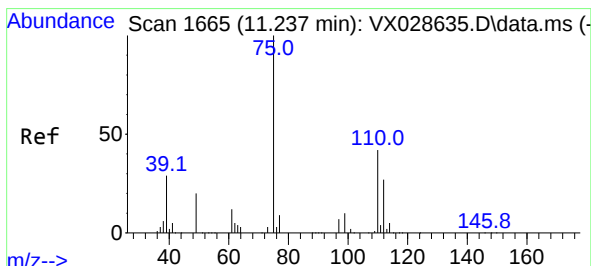
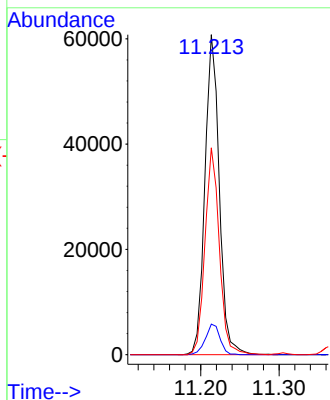
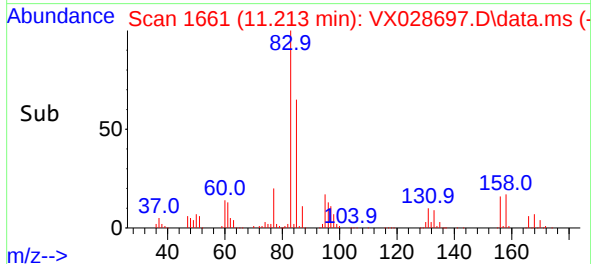
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



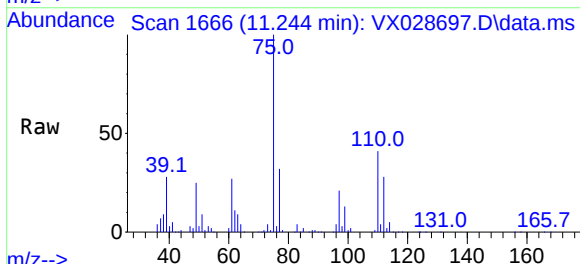
Tgt Ion: 83 Resp: 77075
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 64.6 32.6 97.7

Manual Integrations
APPROVED

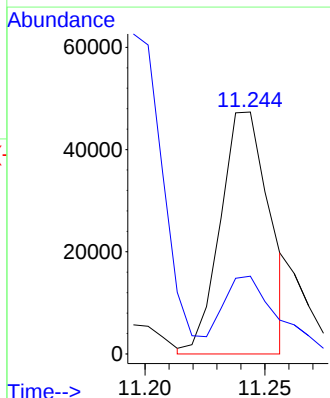
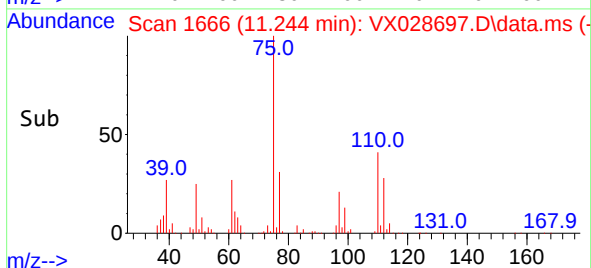
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

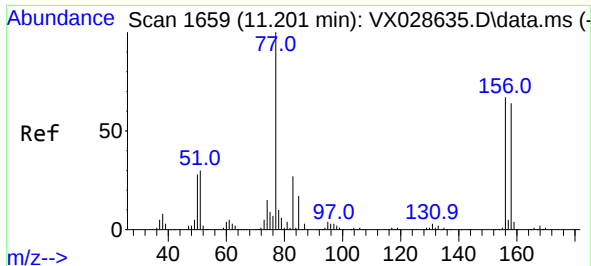


#76
1,2,3-Trichloropropane
Concen: 19.510 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.007 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



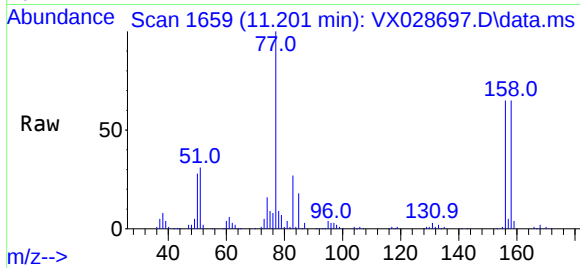
Tgt Ion: 75 Resp: 67242
Ion Ratio Lower Upper
75 100
77 36.1 19.4 58.2





#77
Bromobenzene
Concen: 19.488 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

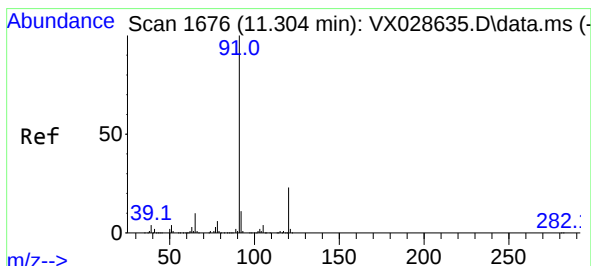
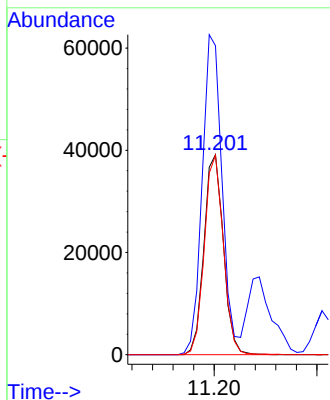
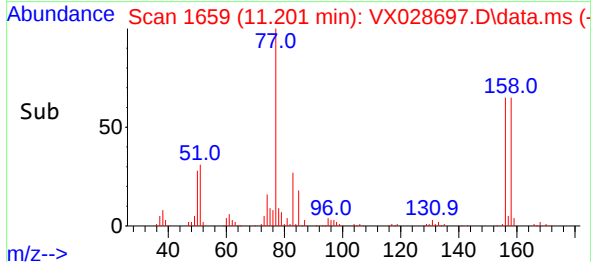
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



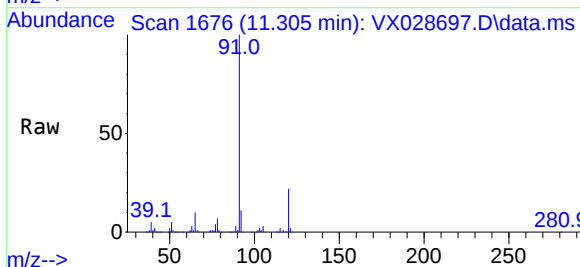
Tgt Ion:156 Resp: 5146
Ion Ratio Lower Upper
156 100
77 164.0 78.5 235.3
158 97.7 50.2 150.7

Manual Integrations
APPROVED

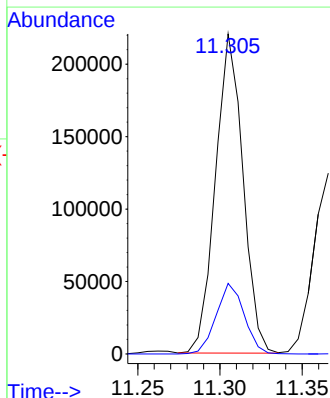
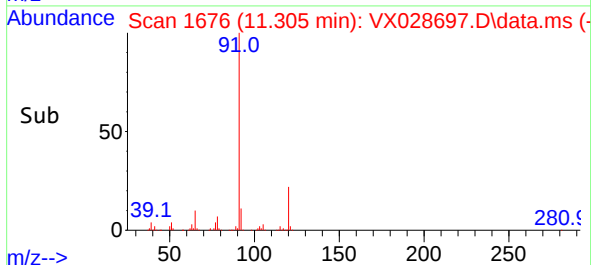
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#78
n-propylbenzene
Concen: 19.807 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



Tgt Ion: 91 Resp: 255697
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8





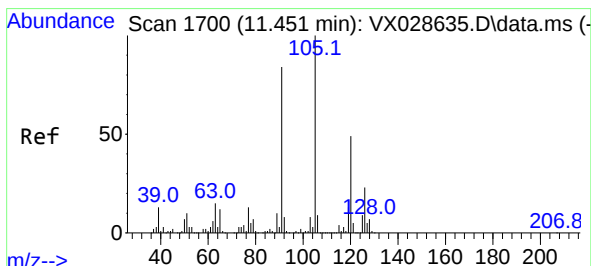
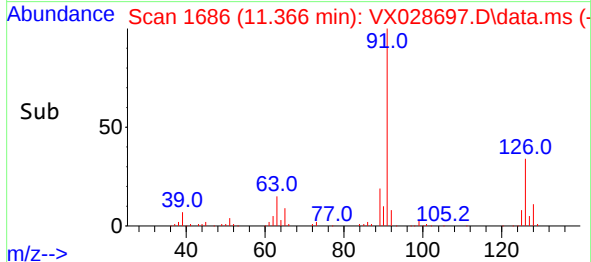
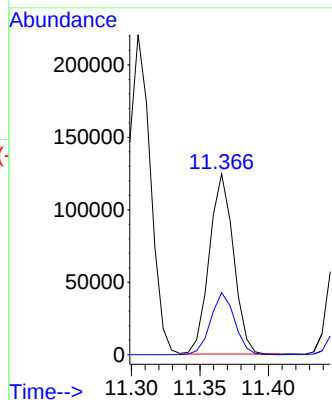
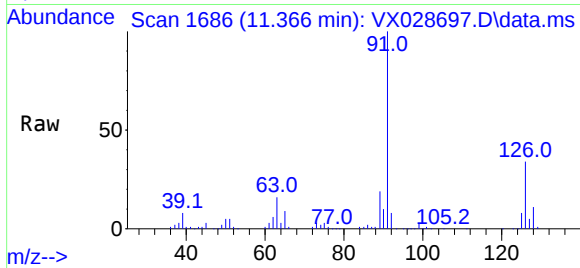
#79
2-Chlorotoluene
Concen: 19.264 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion: 91 Resp: 152425
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.9

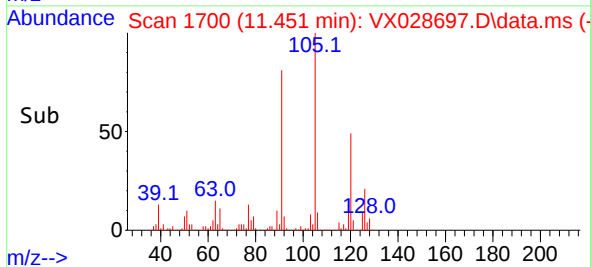
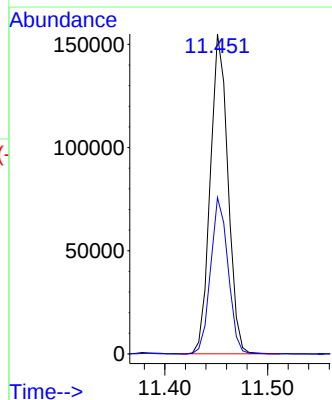
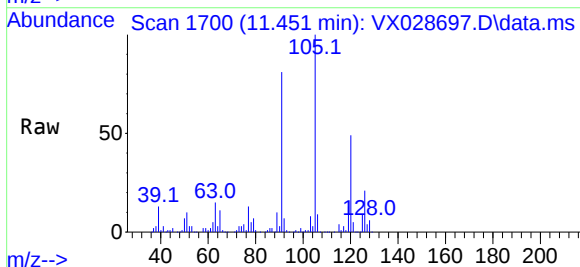
Manual Integrations
APPROVED

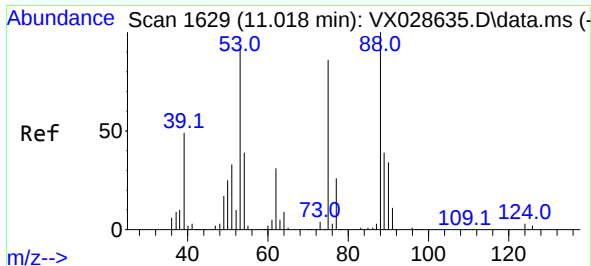
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.860 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

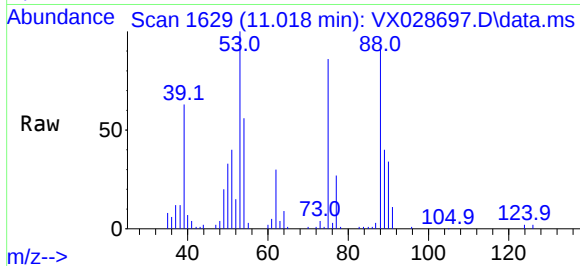
Tgt Ion:105 Resp: 184682
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 16.732 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

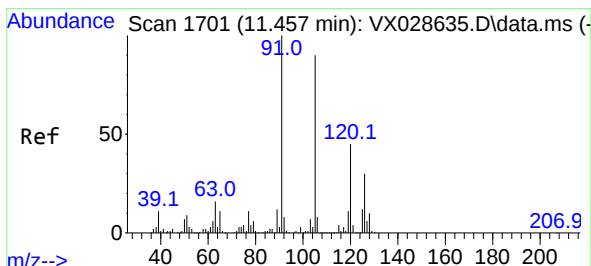
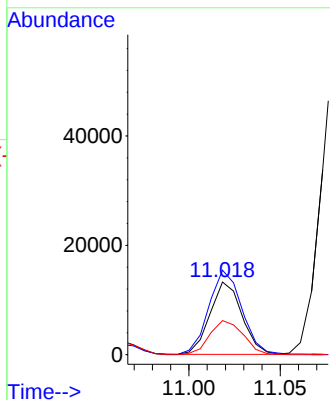
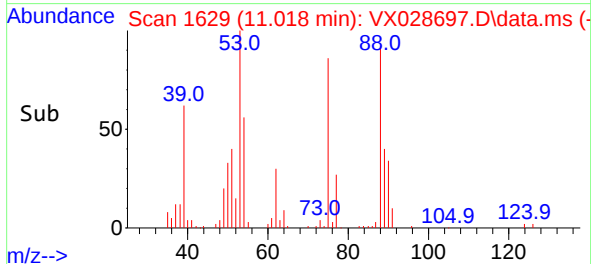
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



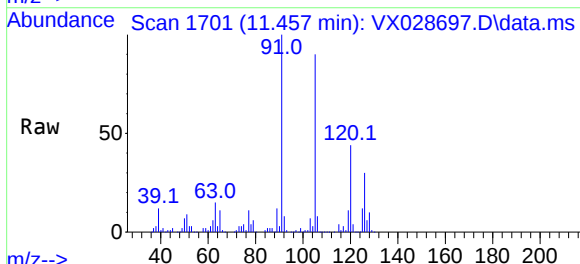
Tgt Ion: 75 Resp: 16100
Ion Ratio Lower Upper
75 100
53 121.8 69.0 103.4
89 49.4 37.0 55.6

Manual Integrations
APPROVED

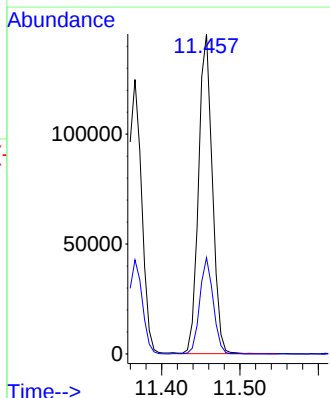
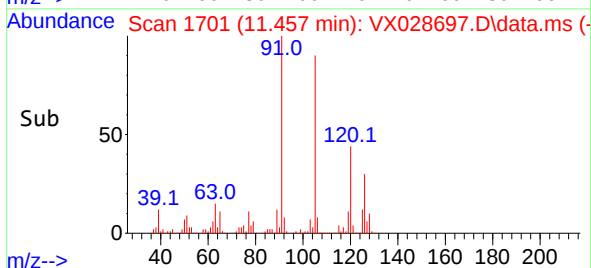
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

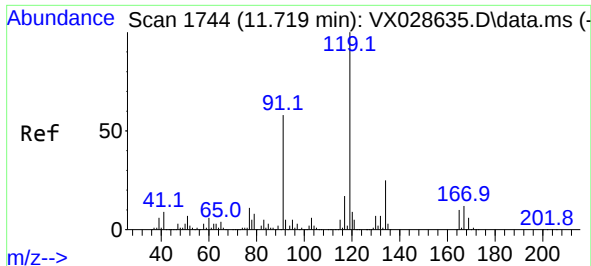


#82
4-Chlorotoluene
Concen: 19.403 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



Tgt Ion: 91 Resp: 177479
Ion Ratio Lower Upper
91 100
126 29.4 14.9 44.5





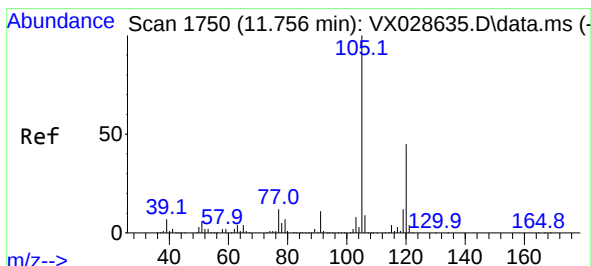
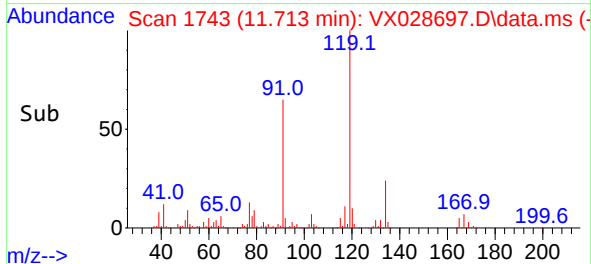
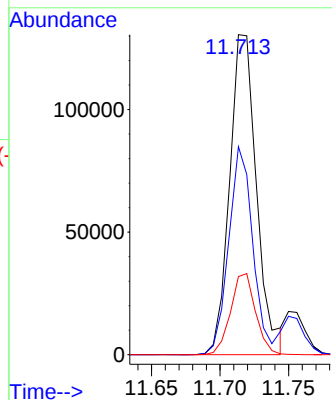
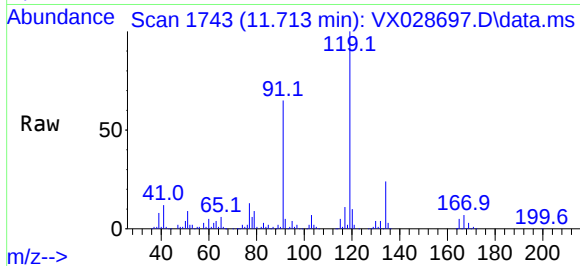
#83
tert-Butylbenzene
Concen: 19.894 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion:119 Resp: 179118
Ion Ratio Lower Upper
119 100
91 57.9 26.9 80.6
134 23.6 11.4 34.2

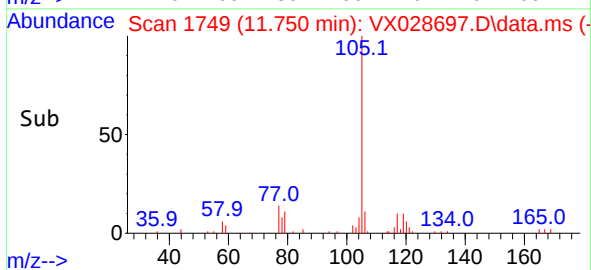
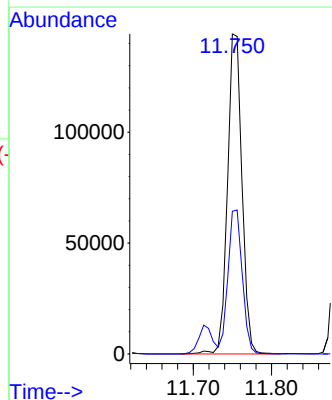
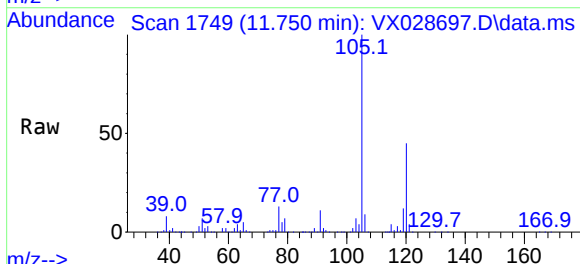
Manual Integrations
APPROVED

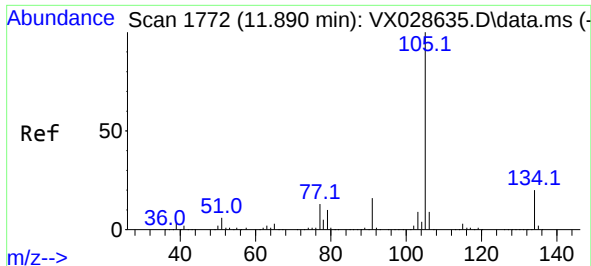
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.865 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

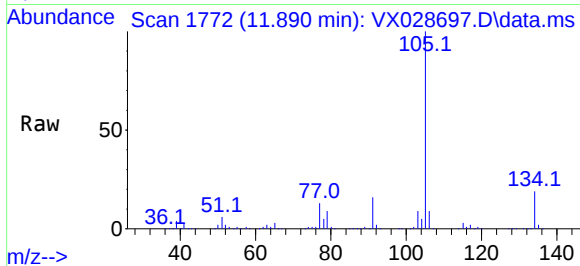
Tgt Ion:105 Resp: 185248
Ion Ratio Lower Upper
105 100
120 44.7 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 19.431 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028697.D
 Acq: 13 May 2022 23:29

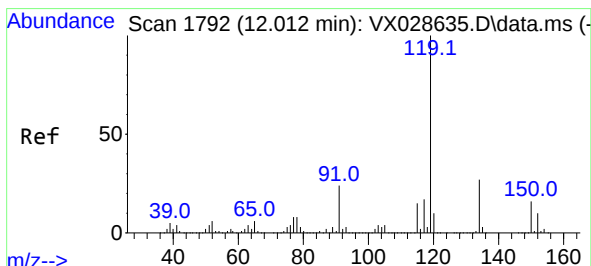
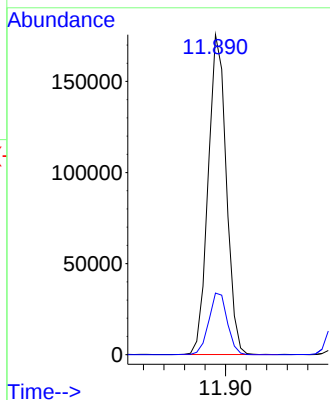
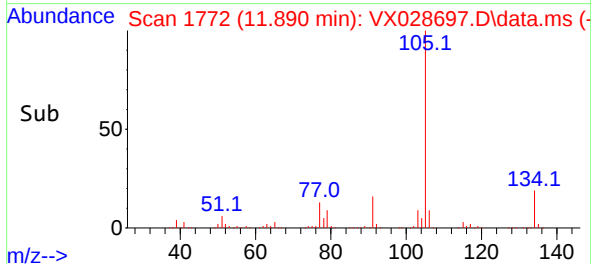
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02



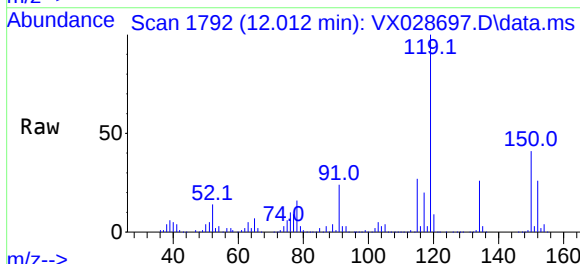
Tgt Ion:105 Resp: 215804
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4

Manual Integrations
 APPROVED

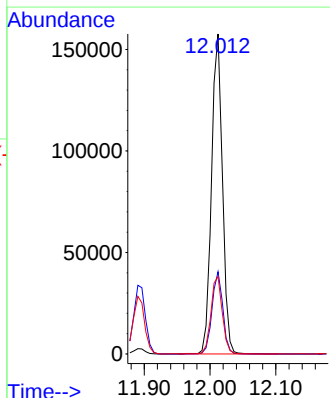
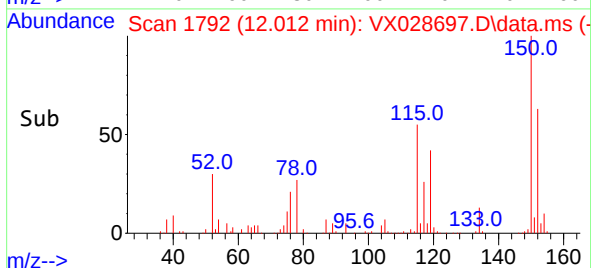
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

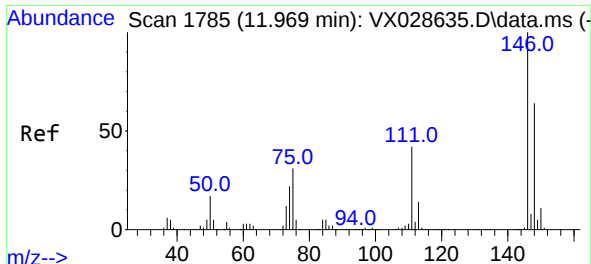


#86
 p-Isopropyltoluene
 Concen: 19.562 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028697.D
 Acq: 13 May 2022 23:29



Tgt Ion:119 Resp: 182304
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 25.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.346 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tgt Ion:146 Resp: 100200

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.1

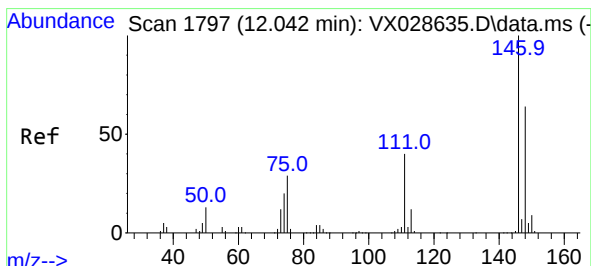
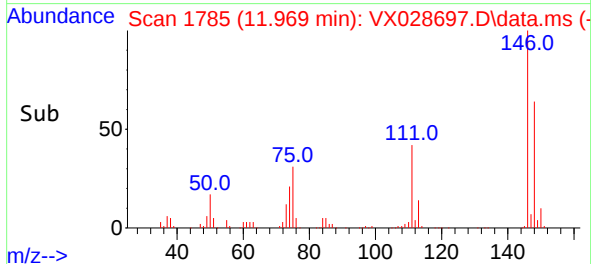
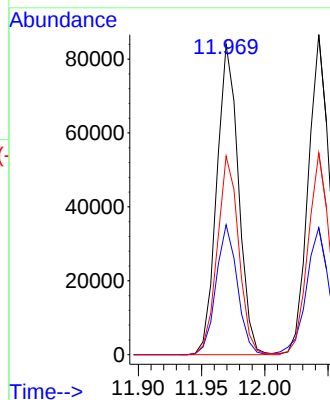
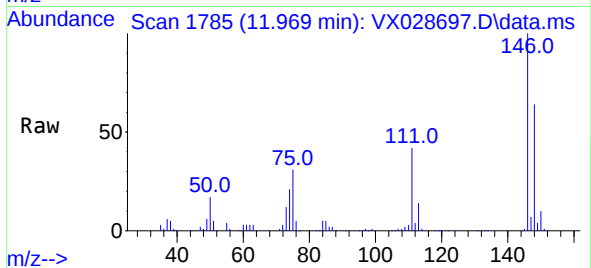
148 63.0 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#88

1,4-Dichlorobenzene

Concen: 18.835 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

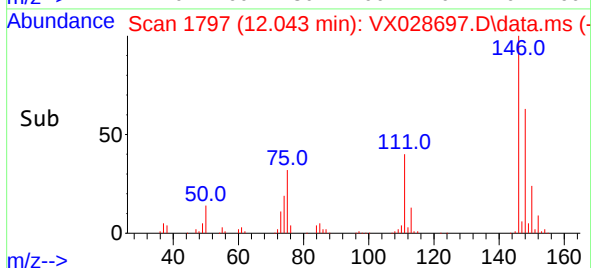
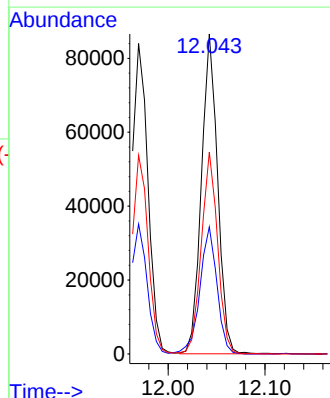
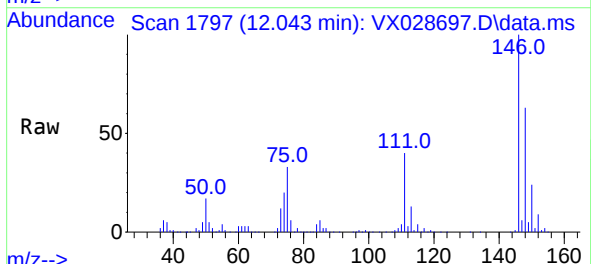
Tgt Ion:146 Resp: 101186

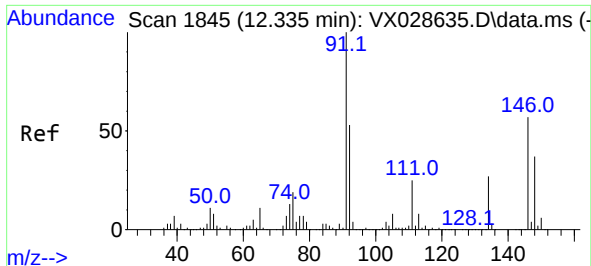
Ion Ratio Lower Upper

146 100

111 41.8 19.2 57.6

148 63.5 32.3 96.9





#89

n-Butylbenzene

Concen: 18.679 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028697.D

Acq: 13 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

Tgt Ion: 91 Resp: 15082

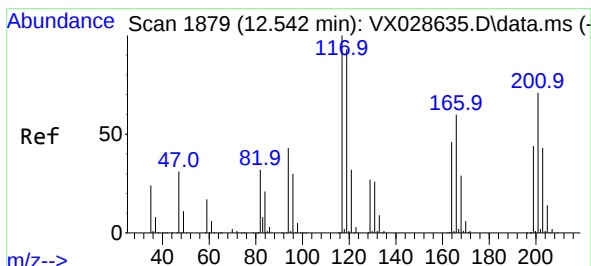
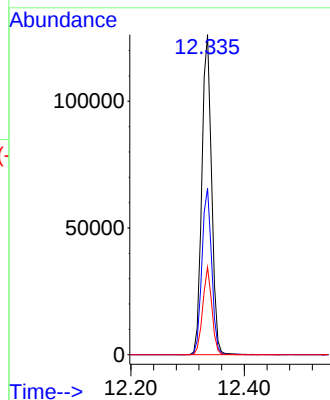
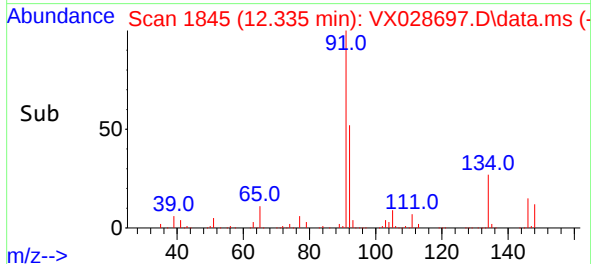
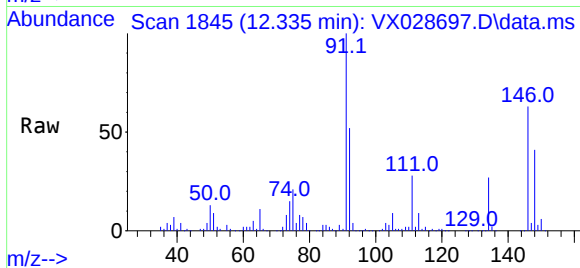
Ion	Ratio	Lower	Upper
91	100		
92	52.0	27.8	83.3
134	25.6	13.3	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#90

Hexachloroethane

Concen: 17.683 ug/l

RT: 12.542 min Scan# 1879

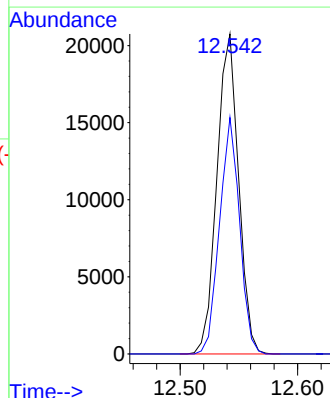
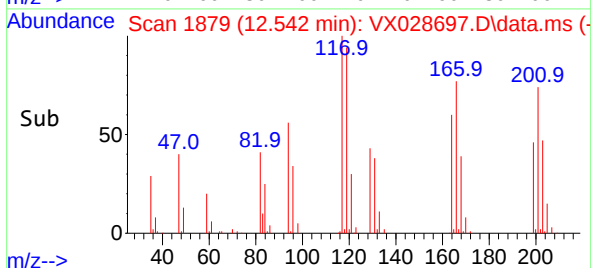
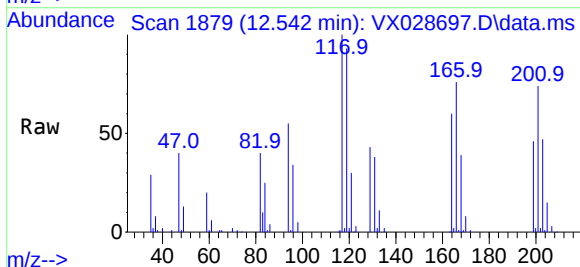
Delta R.T. 0.000 min

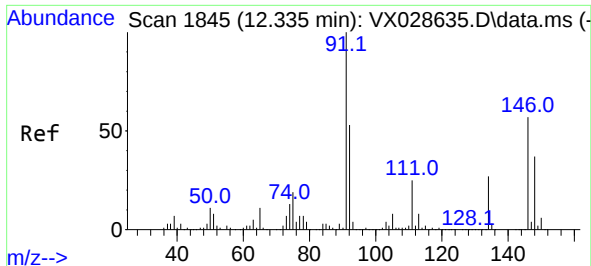
Lab File: VX028697.D

Acq: 13 May 2022 23:29

Tgt Ion:117 Resp: 26650

Ion	Ratio	Lower	Upper
117	100		
201	68.2	39.5	118.5





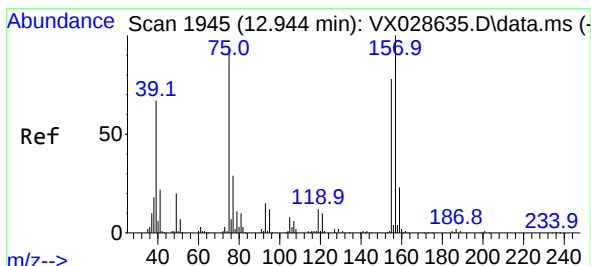
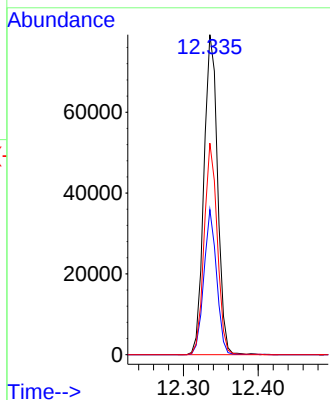
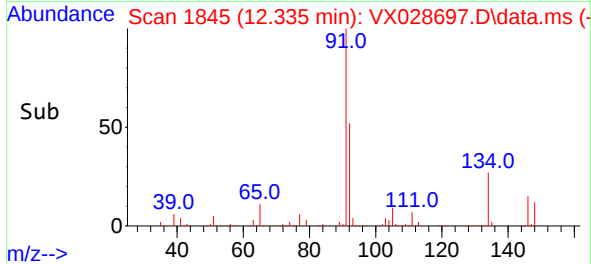
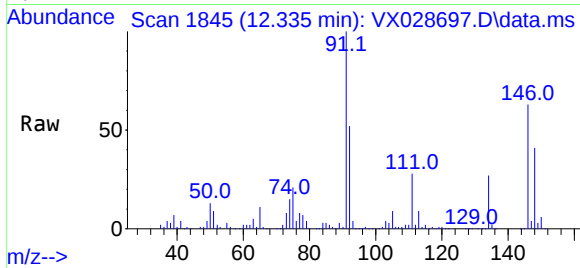
#91
1,2-Dichlorobenzene
Concen: 19.760 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion:146 Resp: 100539
Ion Ratio Lower Upper
146 100
111 42.1 21.0 63.0
148 63.5 32.6 97.7

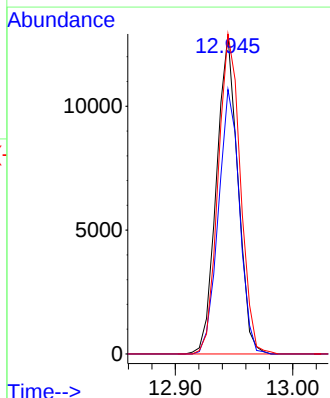
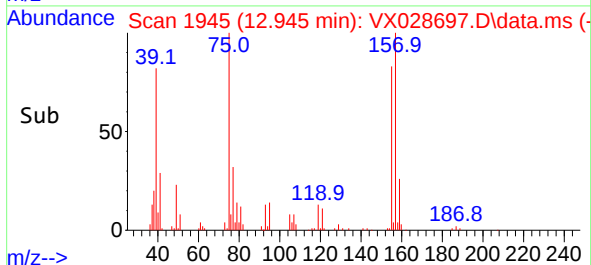
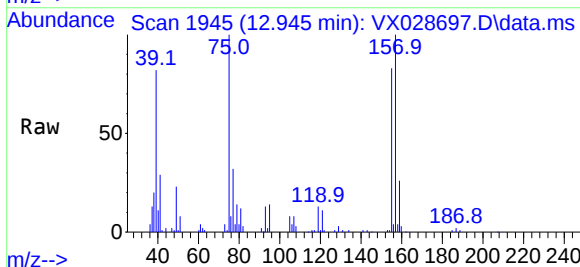
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.876 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Tgt Ion: 75 Resp: 16249
Ion Ratio Lower Upper
75 100
155 82.2 47.0 141.2
157 104.1 57.9 173.6





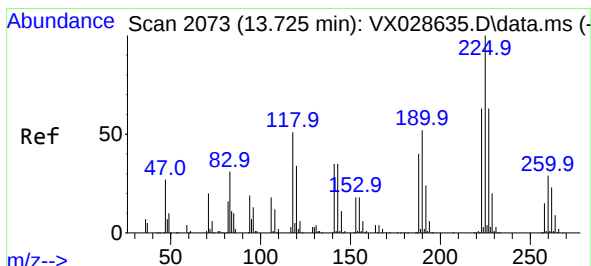
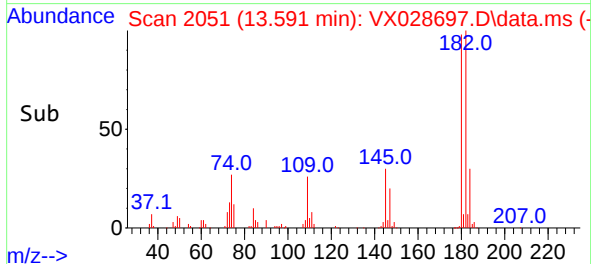
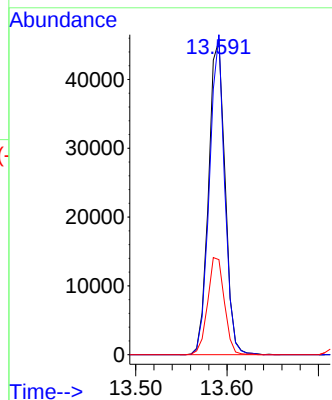
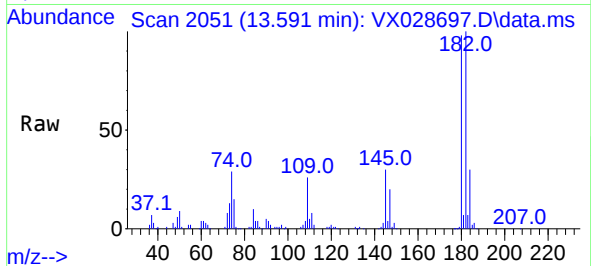
#93
1,2,4-Trichlorobenzene
Concen: 19.358 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tgt Ion:180 Resp: 5688
Ion Ratio Lower Upper
180 100
182 94.3 47.7 143.1
145 31.5 15.2 45.5

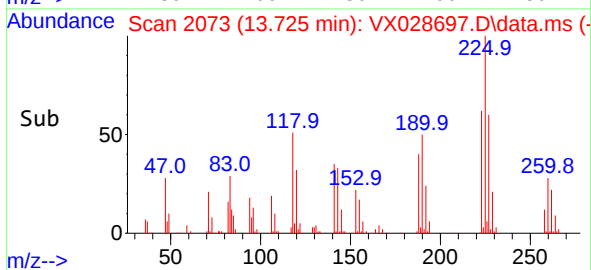
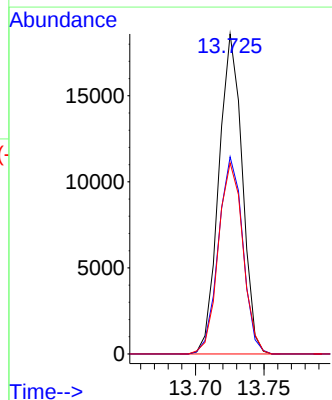
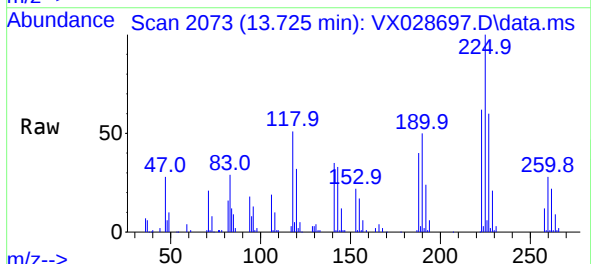
Manual Integrations
APPROVED

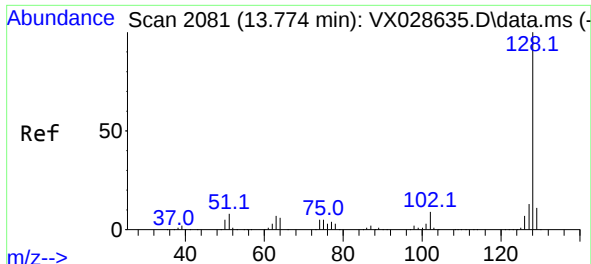
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#94
Hexachlorobutadiene
Concen: 18.460 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

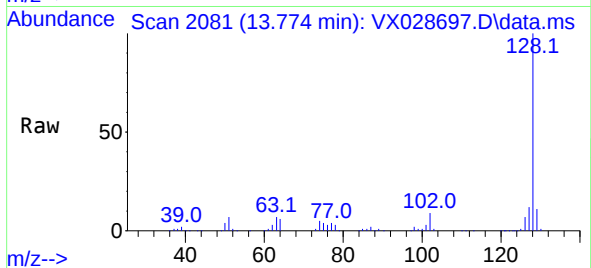
Tgt Ion:225 Resp: 22039
Ion Ratio Lower Upper
225 100
223 64.0 34.2 102.5
227 62.7 33.9 101.7





#95
Naphthalene
Concen: 20.481 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29

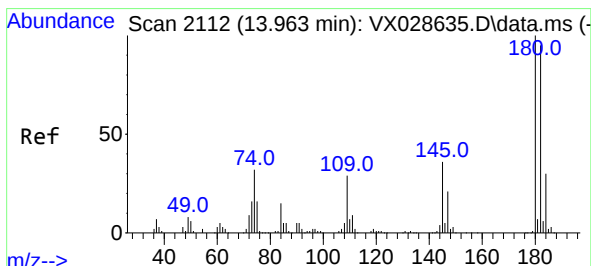
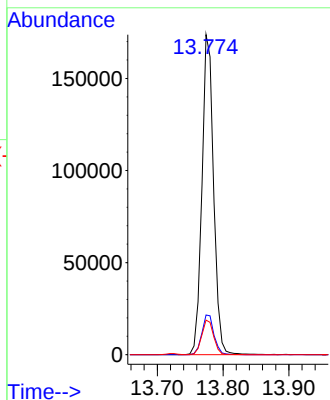
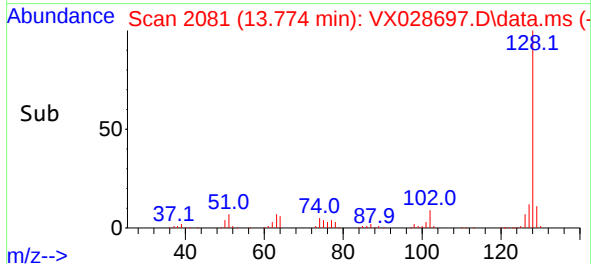
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02



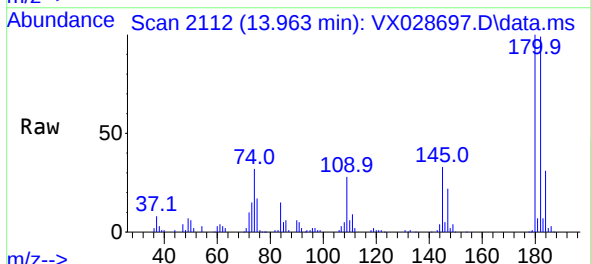
Tgt Ion:128 Resp: 21418
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.209 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028697.D
Acq: 13 May 2022 23:29



Tgt Ion:180 Resp: 56698
Ion Ratio Lower Upper
180 100
182 96.3 50.0 149.8
145 34.5 16.2 48.5

